Numbering system questions and answers pdf

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The number system is one of the most important sections included in the aptitude section because the topic is easier for the students in general but its harder actually. There are many systems for representing numbers, but the most prevalent system in these systems is the number system which also known as the Dashamic system / Hindu-Arabic
numeration system. Under this system, we use signs (0, 1, 2, 3, 4, 5, 6, 7, 8, and 9) to show a number which is called a digit. The same ten digits we use to show a number the Aptitude section. So here today through this blog, I am providing you important
questions based on the number system, which questions are often asked in all competitive exams like Bank Clerk, Bank PO, Railways, SSC, UPSC. Apart from this, questions related to the number system can be solved easily by knowledge of the required rules and everyday practice, so let's know -You can download the
 Application(IOS and Android) for Start Practice with Test Series and Practice Tests here. Number System Questions Q: When n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 2 (A) 4 (B) 2 (C) 0 (D) 1 Q: A number x when divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n is divided by 6, the remainder is 4. When 2n i
remainder. The value of y is (A) 3 (B) 1 (C) 5 (D) 2 Q: A, B, C and D purchase a gift worth Rs. 60. A pays $${1\over 4} $$ of what others are paying. What is the amount paid by D? (A) 12 (B) 14 (C) 13 (D) 15 Q: In an office, there are 108 tables
and 132 chairs. If $${1\over6} $$ of the tables and $${1\over4} $$ of the chairs are broken. How many people can work in the office if each person requires one table and one chair? (A) 92 (B) 99 (C) 86 (D) 90 Q: The difference of a number consisting of two digits from the number formed by inter changing the digits is always divisible by: (A) 11 (B)
6 (C) 10 (D) 9 Q: The total number of integers between 100 and 200, which are divisible by both 9 and 6, is (A) 7 (B) 8 (C) 5 (D) 4 Q: In a two digit number if it is known that its unit digit exceeds its tens digit by 2 and that the product of
the given number and the sum of its digits is equal to 144, then the number is (A) 26 (B) 24 (C) 46 (D) 42 Q: 0.1 and $$ (A) 26 (B) 24 (C) 46 (D) 42 Q: 0.1 and $ (B) 20 m (C) 10 m (D) 30 m Q: 461 + 462 + 463 + 464 is divisible by: (A) 3
(B) 13 (C) 10 (D) 11 Number System Questions: Solved 444 Number System Questions and answers section with detailed description, explanation will help you to master the topic. 1. When a number is subtracted from
number, the new number obtained is a number formed by interchange of the digits. What is the number? SHOW ANSWER Correct Ans:x = 3 and y = 8 Explanation: Let the number is 10x + y Given: x + y = 11 ------(i) According to the question, 10x + y + 45 = 10y + x â‡' x â€" y = -5 ------(ii) From eq. (i) and (ii) , we get x = 3 and y = 8 3. Among
three numbers, the first is twice the second and thrice the third, if the average of three number is 517, then what is the difference between the first number be 3x and 2x respectively. Given: average of these numbers = 517Then,
their sum = 517 * 3 = 1551 \hat{a} \pm ' 6x + 3x + 2x = 1551 \hat{a} \pm ' 11x = 1551 \hat{a} \pm '
1/2, 2/3, 5/9, 6/13, and 7/9L.C.M of their denominators ie., 2, 3, 9, 13, 9 = 234Thus, given fractions become: 1/2 = 117/2342/3 = (2*78)/234 = 182/234---> On arranging the numerators in ascending order, we get 108, 117, 130, 156, 182Therefore Ascending order
of the given fractions is:6/13 < 1/2 < 5/9 < 2/3 < 7/9---> Here, the fourth one is 2/3. 5. The product of two natural numbers is 9222. If they differ by 19 then find out the sum of the number. SHOW ANSWER Correct Ans:193 Explanation: Let 'x' and 'y' be the two numbers where (x > y). Given that, Product of x and y = 9222---> x * y = 9222---> eqn
(1) Given that, Difference of x and y = 19 - - > x = 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> y = 4 + 19 + y - - > eqn (2) Substitute this 'x' value in eqn (1), we get---> 
\pm \sqrt{361 + 36888} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2= {-19 ± 193} / 2
of all natural numbers between 100 and 200 which are multiples of 3? SHOW ANSWER Correct Ans:4950 Explanation: Multiples of 3 between 100 and 200 = nW.K.T: Arithmetic Progression Formula:an = a1 + (n - 1)dWhere, an
= last term = 198a1 = first term = 102d = common difference = 105 - 102 = 3---> 198 = 102 + (n - 1) * 3---> n = 33Formula: Sum of n terms = 8n = (n/2) * (a + 1)where n = number of elements = 33a = first term = 102l = last term = 198Thus, using the above formula,
Sum of all natural numbers between 100 and 200 which are multiples of 3 = (33/2) * (102 + 198) = (33/2) * 300 = 33 * 150 = 4950 7. If the sum of 1st 11 terms of an A.P is equal to sum of 1st 11 terms of an A.P is equal to sum of 1st 11 terms of an A.P is equal to sum of 1st 10 terms?
(A.P) is:S = (n/2)[2a + (n-1)d] where, n = number of terms of an A.P = sum of 1st 11 terms of an A.P = sum of 1st 12 terms of that A.P---> (11/2)[2a + (11-1)d] = (19/2)[2a + (11
Dividing above eqn by 8, we get---> 2a + 29d = 0 ---> eqn (1)Then, Sum of 1st 30 terms of an A.P = (30/2)[2a + (30 - 1)d] = (15)[2a + 29d] = 0 ---> [Since from eqn (1), 2a + 29d = 0] = 0Hence, Sum of 1st 30 terms of an A.P = (30/2)[2a + (30 - 1)d] = (15)[2a + 29d] = 0 ---> [Since from eqn (1), 2a + 29d = 0] = 0Hence, Sum of 1st 30 terms of an A.P = (30/2)[2a + (30 - 1)d] = (15)[2a + 29d] = 0 ---> [Since from eqn (1), 2a + 29d = 0] = 0Hence, Sum of 1st 30 terms of an A.P = (30/2)[2a + (30 - 1)d] = (15)[2a + 29d] = 0 ---> [Since from eqn (1), 2a + 29d = 0] = 0Hence, Sum of 1st 30 terms of an A.P = (30/2)[2a + (30 - 1)d] = (30/2)[2a + (30/2)[
                                                          . SHOW ANSWER Correct Ans: 220030 Explanation: Let the required number be 'N' which is the 'dividend'. Given, Divisor = sum of 555 and 445 = 555 + 445 = 1000Quotient = 2*(555 - 445) = 2*110 = 220Remainder = 30W.K.T: Dividend = Divisor * Quotient + Remainder---> Dividend ie., Required Number =
1000 * 220 + 30---> Required Number = 220000‬ + 30---> Required Number = 220030 9. If the numbers â^9, â^œ20, (25)(1/6) are arranged in ascending order, then the right arrangement is _
                                                                                                                                                                                                                                                                                                                                         . SHOW ANSWER Correct Ans: (25)(1/6) < \hat{a} > 9 < \hat{a} \approx 20 Explanation: Given numbers are (9)(1/3), (20)(1/4), (25)(1/6) L.C.M of 3, 4, and 6 = 12
Now, (9)(12/3), (20)(12/4), (25)(12/6) ----> (9)4, (20)3, (25)2 ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, ----> (9)4 = 6561, -----> (9)4 = 6561, -----> (9)4 = 6561, ------> (9)4 = 6561, ------> (9)4 = 6561, ----------
to be the unit's digit here. So when we multiply all the given numbers, the unit's digit in the product of all unit's digit of 69 ---> 3 * 9 = 27 ---> here, unit digit of 69 ---> 3 * 9 = 27 ---> here, unit digit of 551 = 7 * 1 = 7 ---> here, unit digit of 551 = 7 * 1 = 7 ---> here, unit digit of 69 ---> 3 * 9 = 27 ---> here, unit digit of 69 ---> 1 = 7 * 1 = 7 ---> here, unit digit of 69 ---> 1 = 7 * 1 = 7 ---> here, unit digit of 69 ---> 1 = 7 * 1 = 7 ---> here, unit digit of 69 ---> 1 = 7 * 1 = 7 ---> here, unit digit of 69 ---> 1 = 7 * 1 = 7 ---> here, unit digit of 69 ---> 1 = 7 * 1 = 7 ---> here, unit digit of 69 ---> 1 = 7 * 1 = 7 ---> here, unit digit of 69 ---> 1 = 7 * 1 = 7 ---> here, unit digit of 69 ---> 1 = 7 * 1 = 7 ---> here, unit digit of 69 ---> 1 = 7 * 1 = 7 ---> here, unit digit of 69 ---> 1 = 7 * 1 = 7 ---> here, unit digit of 69 ---> 1 = 7 * 1 = 7 ---> here, unit digit of 69 ---> 1 = 7 * 1 = 7 ---> here, unit digit of 69 ---> 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 * 1 = 7 
unit digit =77 * unit digit of 9242 = 7 * 2 = 14 ---> here, unit digit = 4Therefore, Digit at unit's place of the given expression "43 * 69 * 551 * 9242" = 4 11. You purchased two pieces of cloth measuring 1.2 m and 1.3 m each at Rs. 330 and Rs. 270 per meter respectively and gave Rs. 1000 at the payment counter. How much cash will you get back?
SHOW ANSWER Correct Ans:Rs. 253 Explanation: Total cost of the two pieces of cloth = (1.2 * 330) + (1.3 * 270) = Rs. 747 Given that he paid an amount of Rs. 1000 at the counter Amount he get back = 1000 - 747 = Rs. 253 12. Three numbers which are co-prime to each other are such that the product of the first two is 551 and that of the last two
is 1073. The sum of the three numbers is: SHOW ANSWER Correct Ans:85 Explanation: Since the three number = H.C.F. of 551 and 1073 = 29Given product of the first two numbers = 551--> First number =
551/29 = 19Given product of the last two numbers = 1073/--> Third number = 1073/29 = 37Thus, Required sum = (19 + 29 + 37) = 85--> Sum of the three numbers = 85. 13. The least number which must be added-to 1728 to
make it a perfect square is Reference:---> 1728 + 36 = 1764 = (42)2 ----> Hence 36 is to be added with 1728 to make it perfect square. Hence the answer is : 36 14. Find the total number of factors of 15120If a composite no. N has been written in the form of----->
N = ap, b \neq 0, c \neq 0, b \neq 0, c \neq 0, b \neq 0, c \neq 0, b \neq 0, 
Explanation: Find the unit digit of the product of all the prime numbers between 1 and (17) 17: Reference: The set of prime numbers we get \hat{a} \in \hat{a} \in \hat{a} as the unit digit. Hence the unit dig
then ((6*3) + (4*3)) is equals to. SHOW ANSWER Correct Ans:126 Explanation: If (a*b) = 6a - 4b + 3ab, then ((6*3) + (4*3) + (3*4*3) - ---> = 36 - 12 + 54 + 24 - 12 + 36 - ---> = 126Hence the answer is: 126 17. Which of the following cannot be the number of zeroes at the
end of any factorial? SHOW ANSWER Correct Ans:5 Explanation: Which of the following cannot be the number of zeroes at the end depends on the pair of (2 * 5). We know that number of zeroes at the end depends on the pair of (2 * 5). We know that the number of zeroes at the end depends on the pair of (2 * 5).
to 24!) = 4----> (25! to 29!) = 6----> Here number of zeroes between 25! to 29! is 6 because 25 = 5 2 So, 5 cannot be the number, then which of the following may also be a prime number? SHOW ANSWER Correct Ans:(p -2) Explanation: If p is prime number,
prime numbers. Hence the answer is: (p-2) 19. N is the largest 3-digit number, which when divided by 3, 4 and 6 leaves the remainder 1, 2 and 4 respectively. What is the largest 3-digit number, which when divided by 3, 4 and 6 leaves the remainder 1, 2 and 4 respectively.
(multiple of 12)---> 996 - 12 = 984 (multiple of 12)---> 996 - 12 = 984 (multiple of 12)Required number that will divide 1204, 3664 and 5904 leaving the same remainder? SHOW ANSWER Correct Ans:20 Explanation: What is the greatest number that will divide 1204, 3664 and 5904 leaving the same remainder?
leaving the same remainder: Reference: Required number,---> HCF [(3664 - 1024),(5904 - 3664),(5904 - 3664),(5904 - 1204)]---> HCF(2466,2240,4700)---> 20 Hence the answer is: 20 Are you seeking for good platform for practicing Number System questions in online. This is the right place. The time you spent in Fresherslive will be the most beneficial one for
you. This page provides important questions on Number System along with correct answers and clear explanation, which will be very useful for various Interviews, Competitive examinations are framed with Latest concepts, so that you may get updated through these Number System
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performance in the real Exams and Interview. Time Management for success in Competitive Exams and Placement Interviews. Through Fresherslive Number System questions on Number
System in short time and also in short cut method. Winners are those who can use the simplest method for solving a question. So that they have enough time for solving all the questions in examination, correctly without any tense. Fresherslive test series to
ensure success in all competitive exams, entrance exams and placement tests. Most of the job seekers finding it hard to clear Number System test sections will help you to success in Exams as well as Interviews. To acquire clear understanding of Number System, exercise these
advanced Number System questions with answers. You're Welcome to use the Fresherslive Online Test and create yourself a successful one. Fresherslive provides you a new opportunity to improve yourself. Take it and make use of it to
the fullest. GOODLUCK for Your Bright Future. Page 2Number System Questions: Solved 444 Number System Questions and answers section with explanation for various interviews, Aptitude Category Online test. Category Questions section with detailed description, explanation will help you to master the topic. 21. A
number 18567332145x is divisible by 8. What can be the minimum value of x? SHOW ANSWER Correct Ans:6 Explanation: A number 18567332145x is divisible by 8. What can be the minimum value of x? SHOW ANSWER Correct Ans:6 Explanation: A number 18567332145x is divisible by 8. What can be the minimum value of x? SHOW ANSWER Correct Ans:6 Explanation: A number 18567332145x is divisible by 8. What can be the minimum value of x? SHOW ANSWER Correct Ans:6 Explanation: A number 18567332145x is divisible by 8. What can be the minimum value of x? SHOW ANSWER Correct Ans:6 Explanation: A number 18567332145x is divisible by 8. What can be the minimum value of x? SHOW ANSWER Correct Ans:6 Explanation: A number 18567332145x is divisible by 8. What can be the minimum value of x? SHOW ANSWER Correct Ans:6 Explanation: A number 18567332145x is divisible by 8. What can be the minimum value of x? SHOW ANSWER Correct Ans:6 Explanation: A number 18567332145x is divisible by 8. What can be the minimum value of x? SHOW ANSWER Correct Ans:6 Explanation: A number 18567332145x is divisible by 8. What can be the minimum value of x? SHOW ANSWER Correct Ans:6 Explanation: A number 18567332145x is divisible by 8. What can be the minimum value of x? SHOW ANSWER Correct Ans:6 Explanation: A number 18567332145x is divisible by 8. What can be the minimum value of x? SHOW ANSWER Correct Ans:6 Explanation: A number 18567332145x is divisible by 8. What can be the minimum value of x? SHOW ANSWER Correct Ans:6 Explanation: A number 18567332145x is divisible by 8. What can be the minimum value of x? SHOW ANSWER Correct Ans:6 Explanation: A number 18567332145x is divisible by 8. What can be the minimum value of x? SHOW ANSWER Correct Ans:6 Explanation: A number 18567332145x is divisible by 8. What can be the minimum value of x? SHOW ANSWER Correct Ans:6 Explanation: A number 18567332145x is divisible by 8. What can be the minimum value of x? SHOW ANSWER Correct Ans:6 Explanation: A number 18567332145x is divisible by 8. What can be the minimum value of x?
answerHence the correct answer is x = 6 22. A fraction becomes (1/3) when 1 is subtracted from both the numerator and the denominator. The same fraction becomes (â½) when 1 is added to both numerator and the denominator the sum of numerator and denominator of the fraction is "" SHOW ANSWER Correct Ans:10 Explanation: Let fraction be
(x/y)-----> Then,((x-1)/(y-1)) = (1/3) ----> Or, 3x \ \hat{a} \in "3 = y \ \hat{a} \in "1 \ ----> 2x \ \hat{a} \in "y = 2 \ \hat{a} \in |\hat{a} \in |\hat{a
sum of three odd natural numbers is 357, each of the number is divisible by 7. which one of the following is the largest number? SHOW ANSWER Correct Ans:133 Explanation: If the sum of three odd natural numbers is 357, each of the number is divisible by 7. which one of the following is the largest number? Let the number be (x,
x+14,x+28 ----> x+x+14+x+28=357 ----> x+x+14+x+28=357 ----> x+28=105 -----> x+28=105 -----> x+28=105 -----> x+28=105 -----> x+28=105 -----> x+28=105 ------> x+28=105 ------> x+28=105 ----
numbers is 30 and their geometric mean is 24. What is the value of larger numbers = \sqrt{abAccording} to the question:---> (a+b)/2] = 30----> (a+b)/2]
a(60-a) = 576---> 60a a \in a = 576---> 60a a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a \in a = 576---> a = 12, a \in a = 576----> a = 12, a \in a = 576---->
= 3x \ 2.6 = 7.8 \ 6\sqrt{5} = 6 \ x \ 2.2 = 13.2 \ 2\sqrt{20} = 2 \ x \ 2\sqrt{5} = 4\sqrt{5} = 4 \ x \ 2.2 = 8.8 \ \text{Hence}, \ 6\sqrt{5} \ \text{is greatest}. 26. What is the least value of K so that the number 6735K1 is divisible by 9? SHOW ANSWER Correct Ans:5 Explanation: Given: 6735K1 6 + 7 + 3 + 5 + K + 1 = 22 + K Here, the least number K should be greater than 22 and divisible by 9. Therefore,
the least number is 27. 27 = 22 + K K = 5 27. A 4-digit number is formed by repeating a 2-digit number such as 2525, 3232, etc., Any number explanation: Let the unit digit be x and ten's digit be y. Number = 1000y + 100x + 10y + x = 1010y +
101x= 101(10y + x)Hence, this number is divisible by 101, which is the smallest three-digit prime number of pigeons in the zoo? SHOW ANSWER Correct Ans:68 Explanation: Let number of pigeons be 'X'. Number of rabbits
and pigeons = 90Therefore, number of rabbits = 90 - XAccording to the question, 2X + 4(90 - X) = 2242X + 360 - 4X = 224360 - 224 = 2X136 = 2XX = 68Hence, there are 68 pigeons in the zoo. 29. Five-eight of three-tenth of four-ninth of a number is 60. What is the number? SHOW ANSWER Correct Ans:720 Explanation: Let the number be Y.
(5/8)x(3/10)x(4/9)x Y = 60Y = 60 x (8/5) x (10/3) x (9/4)Y = 720 30. What is the sum of first 12 terms of an arithmetic progression, if the first term, an = 36; n = 12WKT, Required sum = (n/2)[a + an] = (12/2)[(-19 + 36)] = 102 31. The sum
of three consecutive odd numbers is 20 more than the smallest number. What is the middle number? SHOW ANSWER Correct Ans:9 Explanation: Let the three consecutive odd numbers be x, x + 2, x + 4. As per the question, x + x + 2 + x + 4 = x + 203x + 6 = x + 203x - x = 20 - 62x = 14x = 7Therefore, three odd numbers are 7, 9, 13 and the middle
number is 9. 32. The 4th and 7th term of an arithmetic progression are 11 and -4, respectively. What is the 15th term; d - differenceGiven 4th term of AP is 11, a + (4 - 1)d = 11a + 3d = 11 .....(1)Also given that 7th term of AP is -4, a + (7 - 1)d = -4a + 6d = -4
 number be 'X'.(27 - X)/(35 - X) = 2/33(27 - X) = 2/33(27 - X) = 2/33(27 - X) = 31/6(x^2) + 3/(x) = 31/6(x) + 3/(x) = 3
 -4x - 27x + 18 = 02x(3x - 2) - 9(3x - 2) = 0(2x - 9)(3x - 2) = 0(2x - 9)(3x - 2) = 0 (2x - 9) (3x - 2) = 0 (2x - 9) (3x - 2) = 0 (2x - 9)(3x - 2) = 0 (2x - 9)(3x - 2) = 0 (2x - 9)(3x - 2) = 0 (3x - 2) = 0 (2x - 9)(3x - 2) = 0 (3x - 2) = 0 (2x - 9)(3x - 2) = 0 (3x - 2) = 0 (2x - 9)(3x - 2) = 0 (3x - 2) = 0 (2x - 9)(3x - 2) = 0 (3x - 2) = 0 (2x - 9)(3x - 2) = 0
integers are (1, 24) or (2, 12) or (2, 12) or (3, 8) or (4, 6)Therefore, minimum value of (x + y) = 4 + 6 = 10. 37. A man plants 5184 orange trees in his garden and arrange them, so that there are as many rows as there are orange trees in his garden and arrange trees in his garden? SHOW ANSWER Correct Ans:72 Explanation: Given, number of rows and
columns of trees are same. So, let the number of rows and columns be 'Y'. As per the question, Y x Y = 5184Y2 =
Correct Ans:12 Explanation: Given: s - 66, a - 22, l - 11 The sum of Arithmetic Progression is given by s = (n/2)(22 - 11) 66 = (n/2)(21) n = 12 40. Find the number lying between 900 and 1000 which when divided by 38 and 57 leaves in each case a remainder 23. SHOW ANSWER Correct Ans:935 Explanation: Here
LCM of 38 and 57 is 114. Where 114 is divisible by 114 between 900 and 1000 is 912. Required number = 912 + 23 = 935. Are you seeking for good platform for practicing Number System questions in online. This is the right place. The time you spent in
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yourself. Take it and make use of it to the fullest. GOODLUCK for Your Bright Future. Page 3Number System Questions and answers section with detailed description, explanation
will help you to master the topic. 41. A student was asked to divide a number by 6 and add 12 to the number and the divided it by 6, getting 112 as the answer. The correct answer should have been SHOW ANSWER Correct Ans:122 Explanation: Let the number be X.When first added 12 to the number and
then divide by 6, the answer is 112.(X + 12)/6 = 112(X + 12) = 672X = 672 - 12X = 660 Therefore, when number is first divided by 136, leaves remainder 36. If the same number is divided by 17, the remainder will be SHOW ANSWER Correct Ans:2 Explanation
If the first divisor be a multiple of the second divisor, then required number = Remainder by the second divisor. Since, 17 is a factor of 136. The smallest number in the set of five consecutive even numbers is 1 more than the largest number in the set of six consecutive odd
numbers. What is the difference between the square of the second smallest odd number and the square of the second smallest odd number is 75? SHOW ANSWER Correct Ans:1215 Explanation: Let us take five consecutive even numbers x, x+2, x+4, x+6, x+8 and six
consecutive odd numbers v, v +4, v +6, v +8, v +10Given, X-v = lâ \in "(1) Simplify the above equation (I) and (2), we get x = 42 Required difference = (482-332)=1215 44. If 3 is added to the numerator while 1 is subtracted from the numerator the ratio
becomes 2:3. What is the original fraction? SHOW ANSWER Correct Ans:17/17 Explanation: Assume the fraction = a/b Condition 1:3 is added to the denominator and 5 is subtracted from the numerator the ratio
becomes 2:3 (a+1)/(b-5) = 2/3 3a - 2b = 17 solving both the equation a = b = 17 Fraction = 1/17 45. 1/10 of a rod is coloured red, 1/20 orange, 1/30 yellow, 1/40 green, 1/50 blue, 1/60 black and the rest is violet. If the length of the violet portion of the rod is 12.08 m, then the length of the rod is
Explanation: Assume the total parts as 1 Other colours + Violet = 11 - (1/10 + 1/20 + 1/30 + 1/40 + 1/50 + 1/60) = Violet 151/200 parts is Violet It is given that the length of the rod is 12.08 m Let the length of the rod be L, Therefore, 151 * L/200 = 12.08 L = 200 * 12.08/151 = 16 m Length of the rod = 16 m.
                                                                                                                               . SHOW ANSWER Correct Ans:19/30 Explanation: Now, when the 5/8 is simplified we get, 5/8= 0.625 (approximately 0.63) Similarly, 7/11 = 0.63 Now considering the options, 21/30 = 0.7 20/30 = 0.67 19/30 = 0.63 18/30 = 0.6 So, a fraction that lies between 5/8 and
7/11 is 19/30 47. A fraction becomes 1/3, when 1 is subtracted from both the numerator and the denominator. The same fraction becomes 1/2, when 1 is added to both the numerator and the denominator.
is given that, (x-1)/(y-1)=1/3=3x \hat{a} \in " y=2 ---------(1) It is also given that, (x+1)/(y+1)=1/2=2x+2=y+1=2x \hat{a} \in " y=2 -------(2) On subtracting equation (1), we get (3x \hat{a} \in "y)=2 
â€" 2 = 7 â^ Sum of numerator and denominator = x + y = 7 + 3 = 10 48. When two numbers are respectively divided by 33, the remainder will be? SHOW ANSWER Correct Ans:16 Explanation: The numbers will be in the form of 1st number = 33a + 21 2nd
number = 33b + 28 Sum of two numbers = 33a + 21 + 33b + 28 = 33(a + b) + 49 So, irrespective of value a and b, 33(a + b) will always be divisible by 33. So the remaining 49 is left. When 49 is divided by 33, we get 16 as remainder. 49 = 33(a + b) + 43(a + b)
equal to how much? SHOW ANSWER Correct Ans:385 Explanation: 12 + 22 + 32 + ... + n2 = [n*(n+1)*(2n+1)]/6 = 2310/6 = 385.50. If in a three-digit number the last two digits places are interchanged, a new number is formed which is greater than the original number by 45. What is the
difference between the last two digits of that number? SHOW ANSWER Correct Ans:5 Explanation: Let the three digit number, xyz = 100x + 10z + y According to the question, xyz - xzy = 45(100x + 10y + z) - (100x + 10z + y) = 45(100x + 10y + z - 100x - 10z - y) = 45(100x + 10z + y)
9z = 45 y - z = 5 Therefore, difference between last two digit of that number is 5. 51. If 1/6 th of wall is painted blue, 1/3rd is painted blue, 1/3rd is painted in blue and 1/3 rd part painted in yellow. Remaining part painted in
white = 9mRemaining part of the wall = 1 - (1/6 + 1/3) = 1 - [(1+2)/6] = 1 - (3/6) = 1 - 1/2 = 1/2Therefore, remaining 1/2 part painted in white which is 9m. So, Length of the wall = 9 + 9 = 18m. 52. What is the sum of all natural numbers between 100 and 400 which are divisible by 13? SHOW ANSWER Correct Ans:5681 Explanation: The first numbers
divisible by 13 between 100 and 400 = 104The last number divisible by 13 between 100 and 400 = 390WKT, nth term = a + (n - 1)dWhere, a = 104; d = 13390 = 104 + (n - 1)13(390 - 104)/13 = n - 1286/13 = n - 122 = n - 1n = 2353. What is the unit digit of the sum of first 131 whole
numbers? SHOW ANSWER Correct Ans:5 Explanation: Given: Sum of first 130 numbers = 1 + 2 + 3 + \dots + 130 WKT, 1 + 2 + 3 + \dots + 130 WKT, 1 + 2 + 3 + \dots + 130 The sum of first 130 numbers = 130(130 + 1)/2 = 8515 Therefore, unit digit of the sum of first 131 whole numbers is 5. 54. Find three consecutive numbers such that
20,21, 22. 55. The sum of two number is 5 more than the one sixth part of the other number, second number be x. Therefore, second number be x. Therefore, second number be to the question, 1/4 th of first number = 5 more than 1/6 th of second
number x/4 = [(150 - x)/6] + 5x/4 = (150 - x)/6 +
a number Given that, When X is divided by 91 gives remainder 17 So, X = 91 + 17 = 108 \ 108 divided by 91 leaves 17 as remainder 108 / 13 = 4 \hat{a}^{\hat{}} The remainder 125 = 35*352025 = 45*454225 = 65*65Here, 2525 is not the square
number. 58. What is the sum of the first 12 terms of an arithmetic progession, if the first term is 3 and the last term is 47? SHOW ANSWER Correct Ans: 300 Explanation: Given: a = 3, an = 47 Therefore, required sum = (n/2)[a + an] = (12/2)[3 + 47] = 6 * 50 = 300 Therefore, sum of first 12 terms is 300. 59. The second lowest number of five
a, (a+2), (a+4), (a+4), (a+4), (a+4), (a+4), (a+4) + (a+4) 
more than the 5/12th of the third highest number of even number series = (5/12)*60] + 4 = 29 Highest number of even number series = (5/12)*60] + 4 = 29 Highest number of even number series = (5/12)*60] + 4 = 29 Highest number of even number series = (5/12)*60] + 4 = 29 Highest number of even number series = (5/12)*60] + 4 = 29 Highest number of even number series = (5/12)*60] + 3 = (5/12)*60] + 4 = 29 Highest number of even number series = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*60] + 3 = (5/12)*
is twice of b, then the smallest possible integer value of a is: SHOW ANSWER Correct Ans:21 Explanation: Given that, a is twice of b. Letât ** stake b = x and a = 2x According to the question, (3a + 4b)/2 > 50 3a + 4b > 100 10x > 100 fx + 4x > 100 fx 
smallest possible integer value of a is 21. Are you seeking for good platform for practicing Number System questions in online. This is the right place. The time you spent in Fresherslive will be the most beneficial one for you. This page provides important questions on Number System along with correct answers and clear explanation, which will be
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section with explanation for various online exam preparation, various interviews, Aptitude Category Ouestions section with detailed description, explanation will help you to master the topic. 61. In an examination, Radhika scored 64% marks and get 34
(100/12) = 475 Therefore, Mohan's mark = 84% of total marks = (84/100)*475 Mohan's mark = 399. 62. Two number is 20 and the sum of twice the first number and twice the second number is 15. Which is the smaller number? SHOW ANSWER Correct Ans:1
Explanation: Let the numbers be x and y. 3x + 2y = 20 .....(ii) 4x + 6y = 30 .....(iii) 4x + 6y = 30 .....(iii) 4x + 6y = 30 .....(iv) By solving (iii) 4x + 6y = 30 .....(iv) By solving (iii) 4x + 6y = 30 .....(iv) 4x + 6y = 30 ...
by the same divisor, the remainder is 11. What is the value of the divisor? SHOW ANSWER Correct Ans:37 Explanation: Let the divisor be 'd' Let the divisor be 'd
by d, 2a is divided by d. We know that a=dx+24. Therefore, 2a=2dx+48 The problem states that (2dx+48)/d leaves a remainder of 11. 2dx2dx is perfectly divisible by d and will therefore, not leave a remainder of 11. 2dx2dx is perfectly divisible by d. When 48 is divided by 37, the remainder that one will obtain is 11. Hence, the
divisor is 37. 64. How many five digit numbers are there such that two left most digits are even and remaining are odd and digit 4 should not be repeated? SHOW ANSWER Correct Ans:2375 Explanation: We have 4 cases of first digit 4 should not be repeated? SHOW ANSWER Correct Ans:2375 Explanation: We have 4 cases of first digit 4 should not be repeated? SHOW ANSWER Correct Ans:2375 Explanation: We have 4 cases of first digit 4 should not be repeated? SHOW ANSWER Correct Ans:2375 Explanation: We have 4 cases of first digit 4 should not be repeated? SHOW ANSWER Correct Ans:2375 Explanation: We have 4 cases of first digit 4 should not be repeated? SHOW ANSWER Correct Ans:2375 Explanation: We have 4 cases of first digit 4 should not be repeated?
are 4 x 5 - 1 = 19 5 cases of third digit {1,3,5,7,9} 5 cases of fourth digit {1,3,5,7,9} 5 cases of fifth digit {1,3,5,7,9} 5 cases of fourth digit {1,3,5,7,9} So total ways = 19 x 5 x 5 x 5 = 2375 65. Mr. T has a wrong weighing pan. One arm is lengthier than other. 1 kilogram on left balances 8 melons on right, 1 kilogram on right balances 2 melons on left. If all melons are equal in weight
what is the weight of a single melon. SHOW ANSWER Correct Ans: 200 gm Explanation: Let additional weight of melon be m x + 1 = 8 x m - - - - - (1) x + 2 x m = 1 - - - - - (2) Solving 1 & 2 we get. Weight of a single Melon = 200 gm 66. Due to some defect in our elevator, I was climbing down the staircase. I'd climbed down
just 7 steps when I saw a man on the ground floor. Continuing to walk down, I greeted the man and I was surprised to see that when I was yet to get down 4 steps for every 1 of mine. How many steps did the staircase have? SHOW ANSWER
Correct Ans:22 Explanation: Let's us take X => No of Steps required by boy to climb Mo of Steps required to climb down = 4 So Total Steps = 7 + 4 => 11 ----(1) Total Steps => X = 11. As the old man takes 2X that is 2 steps for every 1 => 2X ----(2) The total
number of Staircase will be X = 11 So Substituting 2 in 1 will be => 2 (11) => 22 Total Number of Staircase = 22. 67. In particular language, if A = 0, B = 1, C = 2,......, Y = 24, Z = 25 then what is the value of ONE + ONE (in the form of alphabets only)? SHOW ANSWER Correct Ans:BDAI Explanation: This problem is based on Base 26 rather
than regular base 10 (decimal system) that we normally use. In base 26 there are 26 digits 0 to 9 exist. In base 26 there are 26 digits 0 to 9 exist. To convert any number into base 26, we have to divide the number with 26 and find the remainder. Here, ONE E has value of 4. So E + E = 8 which is equal to I. Now N + N = 13 + 13 = 26. But in
base 26, there is no 26. So (26)10 = (10)26 So we put 0 and carry over "1" on calculating "O + O". But 0 in this system is A. Hence, N + N = A Now O + O + 1 = 14 + 14 + 1 = 29 Therefore, (29)10 = (13)26 But 1 = B and 3 = D in that system. Hence, N + N = A Now O + O + D = BD So ONE + ONE = BDAI 68. Find the HCF of 59, 14? SHOW ANSWER Correct Ans:1
Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the qiven choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both
 given numbers. Please Note : There may be a scenario when two or more numbers in the choice will exactly divide both the numbers, in that case , please choose the Highest among the numbers in the choice will exactly divide both the numbers. 89. Two people run around circular track and take 42 sec and 30 sec to make one complete round. If they start together after how much amount of time will exactly divide both the numbers.
they meet again in the same place? SHOW ANSWER Correct Ans:3 min 30 sec. Explanation: Given: Two people run around circular track and take 42 sec and 30 sec. LCM of (42, 30) = 210 They will meet in 210 seconds, which is 3 min 30 sec. 70. What number should come next ?173, 196, 219, 242,
Explanation: The given series is -- 173, 196, 219, 242Consequtive numbers increase by 23 from the previous number should increase by 23 from the previous number should increase by 23 from the previous number series?173, 149, 125, 101,
ANSWER Correct Ans:77 Explanation: The given series is -- 173, 149, 125, 101Consequtive numbers decrease by 24 from the previous number (i.e 101) we get 101- 24 = 77 72. Find the HCF of 59, 12? SHOW ANSWER Correct Ans:1
Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both
given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers. 73. Find the LCM of 42, 20? SHOW ANSWER Correct Ans;420 Explanation: The fastest way to find the correct answer is by elimination rule: Check
 whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Numbers in the
choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the numbers. 74. In the below given sequence, what should be the next number? 173, 195, 217, 239, _____ SHOW ANSWER Correct Ans:261 Explanation: The given series is -- 173, 195, 217, 239Consequtive numbers increases by 22Following this
pattern, the Missing Number should increase by 22 from the previous number. When we add 22 to the last number? 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107, _____ SHOW ANSWER CORRECT Answer SH
 107Consequtive numbers decreases by 22Following this pattern, the Missing Number should decrease by 22 from the previous number. When we subract 22 to the last number (i.e 107) we get 107-22 = 85 76. Find the HCF of 59, 10? SHOW ANSWER Correct Ans:1 Explanation: The fastest way to find the correct answer is by elimination rule: Check
whether each of the given choices divides both the numbers. If any of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice and move to the numbers. If any of the given choices doesn't divide both the numbers. If any of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the numbers. If any of the given choices doesn't divides both the numbers. If any of the given choices doesn't divides both the numbers are numbers. If any of the given choices doesn't divides both the numbers are numbers. If any of the given choices doesn't divides both the numbers are numbers. If any of the given choices doesn't divides both the numbers are numbers. If any of the given choices doesn't divides both the numbers are numbers are numbers. If any of the given choices doesn't divides both the numbers are numbers. If any of the given choices doesn't divides both the numbers are numbers. If any of the given choices doesn't divides both the numbers are numbers. If any of the given choices doesn't divides both the numbers are numbers. If any of the given choices doesn't divides both the numbers are numbers. If any of the given choices doesnable the numbers are numbers are numbers. If any of the given choices doesnable the numbers are numbers are numbers. If any of the given choices doesnable the numbers are numbers are numbers are numbers. If any of the given choices doesnable the numbers are numbers are numbers are numbers. If any of the given choices doesnable the numbers are numbers are numbers. If any of the given choices doesnable the numbers are numbers are numbers. If any of the given choices doesnable the numbers are numbers are numbers are numbers are numbers are numbers. If any of the given choices doesnable the numbers are numbers
the choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers, in that case, please choose the Highest among the numbers, in that case, please choose the Highest among the numbers, in that case are time, again after how many seconds will they rings together? SHOW ANSWER Correct Ans:168 Explanation: The fastest way to find the correct Ans:168 Explanation and the correct Ans:168 E
answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesnt get divided by both the numbers are numbers. If any choice and move to the next number. Answer will be the Number that is exactly divisble by both given numbers. Please Note: There may be a scenario
when two or more numbers in the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the number that the computer program would generate as output? 173, 188, 203, 218, ____ SHOW ANSWER Correct Ans:233
Explanation: The given series is -- 173, 188, 203, 218Consequtive number should increase by 15 from the previous number wants his students to find the next number
Can you solve it for the professor?173, 152, 131, 110, SHOW ANSWER Correct Ans:89 Explanation: The given series is -- 173, 152, 131, 110Consequtive numbers decreases by 21 from the previous number. When we subract 21 to the last number (i.e 110) we get 110-21=89 80.
Find the HCF of 59, 8? SHOW ANSWER Correct Ans:1 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers, then you can eliminate that particular choice and move to the next choice. Answer
 will be the HIGHEST Number that exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers in the choice will exactly divide both the numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers.
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description, explanation will help you to master the topic. 81. Find the least two digit number which will divide 42 and 7 without leaving any remainder? SHOW ANSWER Correct Ans:42 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices is divisible by both the numbers. If any choice
doesn't get divided by both the numbers, then you can eliminate that particular choice and move to the next numbers. So, 42 is a correct answer. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers, in
that case, please choose the lowest among the numbers, 82. Below Numbers follow a particular pattern. Can you find the next number ?173, 192, 211, 230,
                                                                                                                                                                                                                                                                    SHOW ANSWER Correct Ans: 249 Explanation: The given series is -- 173, 192, 211, 230Consequtive numbers increases by 19Following this pattern, the Missing Number should increase by
19 from the previous number. When we add 19 to the last number (i.e. 230) we get 230+19=249 83. In the given series, can you find the next number ?173, 154, 135, 116,
                                                                                                                                                                                                                                                                                           SHOW ANSWER Correct Ans:97 Explanation: The given series is -- 173, 154, 135, 116Consequtive numbers decreases by 19Following this pattern, the Missing Number should
decrease by 19 from the previous number. When we subract 19 to the last number (i.e 116) we get 116-19= 97 84. Find the Correct answer is by elimination rule: Check whether each of the given choices divides both the numbers. If any of the given choices
doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice and move to the numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers, in that case, please choose the Highest
among the numbers. 85. Two bells toll at an interval of 42 sec and 5 sec. After how many seconds, will both the bells ring together? SHOW ANSWER Correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided
by both the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Number that is exactly divisible by both the numbers, in that case, please choose the lowest among the
numbers. 86. Fifth number is missing in the below series ? 173, 190, 207, 224Consequtive numbers increases by 17Following this pattern, the Missing Number should increase by 17 from the previous
number. When we add 17 to the last number (i.e 224) we get 224+17=241 87. Can you find the the next number in the below series 173, 158, 143, 128,
                                                                                                                                                                                                                                                             SHOW ANSWER Correct Ans:113 Explanation: The given series is -- 173, 158, 143, 128Consequtive numbers decreases by 15Following this pattern, the Missing Number should decrease by 15
from the previous number. When we subract 15 to the last number (i.e 128) we get 128--15=113 88. Find the HCF of 59, 22? SHOW ANSWER Correct answer is by elimination rule: Check whether each of the given choices divides both the numbers. If any of the given choices doesnât to divide the numbers are the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers. If any of the given choices doesnât to divide the correct answer is by elimination rule: Check whether each of the given choices doesnât to divide the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers. If any of the given choices doesnât to divide the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers. If any of the given choices doesnât to divide the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers. If any of the given choices doesnât to divide the correct answer is by elimination rule: Check whether each of the given choices doesnated to divide the correct answer is by elimination rule.
both the numbers, then you can eliminate that particular choice and move to the next choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers.
89. Find the LCM of 42, 3? SHOW ANSWER Correct Ans:42 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the numbers, then you can eliminate that particular choice and move to the next number.
Answer will be the Number that is exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. Please choose the lowest among the numbers in the choice will be exactly divisible by both given numbers. Please the numbers in the choice will be exactly divisible by both the numbers.
below series ?133, 156, 179, X, 225, 248 SHOW ANSWER Correct Ans:202 Explanation: The given series is -- 133, 156, 179, X, 225, 248 Consequtive number & should increase by 23 from the previous number. When we add 23 to the number before X (i.e. 179) we get 179+23=202 91. Find
the HCF of 12, 14? SHOW ANSWER Correct Ans: 2 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will
be the HIGHEST Number that exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers. Please choose the Highest among the numbers in the choice will exactly divide both the numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers.
correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Number that is exactly divisble by both given numbers. Please Note: There may be a
scenario when two or more numbers in the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the numbers among the numbers in the below series is -- 133, 106, 79, X, 25, -2 SHOW ANSWER Correct Ans:52 Explanation: The given series is -- 133, 106, 79, X, 25, -2 Consequtive numbers
decreases by 27Following this pattern, the Missing Number X should decrease by 27 from the previous number. When we subract 27 to the number before X (i.e. 79) we get 79--27=52 94. Find the HCF of 12, 120? SHOW ANSWER Correct Ans:12 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of
the given choices divides both the numbers. If any of the given choice and move to the next choice and move to the next choice and move to the next choice and move to the numbers. So 12 is HCF. Please Note: There may be a scenario when two or more numbers in the
choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers. 95. Find the LCM of 25, 20? SHOW ANSWER Correct answer is by elimination rule: Check whether each of the given choices is divisible by both the numbers. If any choice doesn't get
divided by both the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Number that is exactly divisible by both the numbers, in that case, please choose the lowest
among the numbers. 96. Find the Missing number in the below series 133, 160, 187, X, 241, 268 SHOW ANSWER Correct Ans: 214 Explanation: The given series is -- 133, 160, 187, X, 241, 268 Consequtive numbers increases by 27 Following this pattern, the Missing Number X should increase by 27 from the previous number. When we add 27 to
the number before X (i.e 187) we get 187+27=214 97. Find the HCF of 12, 10? SHOW ANSWER Correct Ans:2 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices doesn't divide both the numbers, then you can eliminate that
particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divide both the numbers, in that case, please choose the Highest among the numbers. 98. Find the LCM of 25, 24? SHOW ANSWER
Correct Ans:600 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Number that is exactly
divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. 99. Which number should come in place of the missing Number? 117, 148, 179, X, 241, 272 SHOW ANSWER Correct Ans:210
Explanation: The given series is -- 117, 148, 179, X, 241, 272Consequtive number Sincrease by 31 Following this pattern, the Missing Number X should increase by 31 from the previous number. When we add 31 to the number before X (i.e. 179) we get 179+31=210 100. Find the HCF of 12, 8? SHOW ANSWER Correct Ans:4 Explanation: The fastest
way to find the correct answer is by elimination rule: Check whether each of the given choices doesn't divide both the numbers. If any of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both given numbers. Please
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Find the LCM of 25, 7? SHOW ANSWER Correct Ans:175 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate that particular choice and move to the next number. Answer
will be the Number that is exactly divisible by both given numbers. The Lcm is 175. Please Note: There may be a scenario when two or more numbers in that case, please choose the lowest among the numbers in the choice will be exactly divisible by both the numbers in that case.
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1, -28 SHOW ANSWER Correct Ans:30 Explanation: The given series is 117, 88, 59, X, 1, -28 Consequtive numbers decreases by 29 Following this pattern, the Missing Number X (i.e. 59) we get 59 - 29 = 30 103. Find the HCF of 12, 6? SHOW ANSWER Correct Ans:6 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers, in that case, please choose the Highest among the numbers, then you can eliminate that particular choice is divisble by both the numbers. Please Note: There may be a scenario when two or more numbers in the Number that is exactly divisble by both given numbers. Please Note: There may be a scenario when two or more numbers in the numbers in the Number that is exactly divisble by both given numbers. Please Note: There may be a scenario when two or more numbers in the numbers in the numbers.

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the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the numbers. 105. Output of a particular program follows the below pattern. Can you find the Missing number? 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans: 204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 Consequtive
numbers increases by 29 Following this pattern, the Missing Number X should increase by 29 from the previous number. When we add 29 to the number before X (i.e 175) we get 175+29=204 106. Find the HCF of 12, 22? SHOW ANSWER Correct Ans:2 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether
each of the given choices divides both the numbers. If any of the given choices doesnât t divide both the numbers, then you can eliminate that particular choice and move to the next choice and move to the numbers. There may be a scenario when two or more numbers in the choice
will exactly divide both the numbers, in that case, please choose the Highest among the numbers. 107. Find the LCM of 25, 3? SHOW ANSWER Correct Ans:75 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided
by both the numbers, then you can eliminate that particular choice and move to the next numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the
numbers. 108. In the below given sequence, what should be the Missing number?117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 Consequtive numbers decreases by 25 from the previous number. When we subract 25 to
the number before X (i.e 67) we get 67-25=42\ 109. Find the HCF of 19, 14? SHOW ANSWER Correct Ans:1 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers, then you can eliminate that
particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both given numbers, in that case, please choose the Highest among the numbers. 110. Find the LCM of 41, 30? SHOW
 ANSWER Correct Ans:1230 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Number that is
 exactly divisble by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. Please Choose the lowest among the numbers in the computer output? 117, 142 mentions are numbers. 111. A Computer program gave the following output. Can you predict the Missing number in the computer output? 117, 142 mentions are numbers.
167, X, 217, 242 SHOW ANSWER Correct Ans: 192 Explanation: The given series is -- 117, 142, 167, 242 Consequtive numbers increase by 25 from the previous number. When we add 25 to the number before X (i.e 167) we get 167+25=192 112. Find the HCF of 19, 12?
SHOW ANSWER Correct Ans:1 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices doesnât the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST
Number that exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers. 113. Find the LCM of 41, 20? SHOW ANSWER Correct Ans:820 Explanation: The fastest way to find the correct answer is
by elimination rule: Check whether each of the given choice is divisble by both the numbers. If any choice doesnât the numbers, then you can eliminate that particular choice and move to the numbers. Please Note: There may be a scenario when
two or more numbers in the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the number. Can you solve it ?117, 96, 75, X, 33, 12 SHOW ANSWER Correct Ans:54 Explanation: The given
series is -- 117, 96, 75, X, 33, 12Consequtive numbers decrease by 21 from the previous number X should decrease by 21 from the previous number X (i.e 75) we get 75--21=54 115. Find the HCF of 19, 10? SHOW ANSWER Correct Ans:1 Explanation: The fastest way to find the correct
answer is by elimination rule: Check whether each of the given choices divides both the numbers. If any of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the numbers. If any of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both given numbers. Please Note: There may be a
scenario when two or more numbers in the choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers. 116. Find the LCM of 41, 24? SHOW ANSWER Correct Ans:984 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices is divisible by
both the numbers. If any choice doesnât t get divided by both the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Number that is exactly divisible by both the
numbers, in that case, please choose the lowest among the numbers follow a particular pattern. Can you find the Missing number in the below pattern? 117, 138, 159, X, 201, 222 SHOW ANSWER Correct Ans: 180 Explanation: The given series is -- 117, 138, 159, X, 201, 222 Consequtive numbers increases by 21 Following this
pattern, the Missing Number X should increase by 21 from the previous number. When we add 21 to the number before X (i.e 159) we get 159+21=180 118. Find the Correct answer is by elimination rule: Check whether each of the given choices divides both the
numbers. If any of the given choices doesnât the numbers, then you can eliminate that particular choice and move to the numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers, in
that case, please choose the Highest among the numbers. 119. In the given series, can you find the Missing number? 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans: 48 Explanation: 48 Explana
previous number. When we subract 23 to the number before X (i.e 71) we get 71--23=48 120. Find the LCM of 41, 5? SHOW ANSWER Correct Ans:205 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both
the numbers, then you can eliminate that particular choice and move to the next numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the numbers.
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using our sample Number System Online Test and create yourself a successful one. Fresherslive provides you a new opportunity to improve yourself. Take it and make use of it to the fullest. GOODLUCK for Your Bright Future. Page 7Number System Questions: Solved 444 Number System Questions and answers section with explanation for various
online exam preparation, various interviews, Aptitude Category online test. Category Questions section with detailed description, explanation will help you to master the topic. 121. Fourth number is missing in the below series. Can you find the Fourth number in the below series ?117, 140, 163, X, 209, 232 SHOW ANSWER Correct Ans:186
Explanation: The given series is -- 117, 140, 163, X, 209, 232Consequtive number before X (i.e 163) we get 163+23=186 122. Find a number below 20 which can divide 19 and 22 perfectly? SHOW ANSWEFF
Correct Ans:1 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly
divides both given numbers. 1 is correct answer. Please Note: There may be a scenario when two or more numbers, in that case, please choose the Highest among the numbers. 123. Find the LCM of 41, 3? SHOW ANSWER Correct Ans:123 Explanation: The Least Common Multiple (L.C.M) of 3 and divide both the numbers.
41 can be computed by using the greatest common factor ie.,GCF of 3 and 41. This is the easiest approach: L.C.M(3,41) = (3 X 41) / GCF (3,41) = 123 124. Can you find the the missing number in the below series117, 90, 63, X, 9, -18 SHOW ANSWER Correct Ans:36 Explanation: The given series is -- 117, 90, 63, X, 9, -18 Consequtive
numbers decreases by 27Following this pattern, the Missing Number X should decrease by 27 from the previous number. Should decrease by 27 from the previous number X should decrease by 27 from the previous number. Should decrease by 27 from the previous number X should decrease by 27 from the previous number. Should decrease by 27 from the previous number. Should decrease by 27 from the previous number X should decrease by 27 from the previous number. Should 
factor of 36 and 14 = 1 and 2 Highest common factor (H.C.F.) of 36 and 14 = 2. Therefore, 2 is H.C.F. or G.C.D. of given numbers without leaving a remainder, 126. Find the LCM of 37, 30? SHOW ANSWER Correct Ans:1110 Explanation: The
fastest way to find the correct answer is by elimination rule : Check whether each of the given choice and move to the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate that particular choice and move to the number. Answer will be the Number that is exactly divisble by both given numbers. Please
Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the numbers in the the below series 17, 144, 171, X, 225, 252 SHOW ANSWER Correct Ans: 198 Explanation: The given series is -- 117, 144, 171, X, 225
252Consequtive numbers increase by 27Following this pattern, the Missing Number X should increase by 27 from the previous number which can divide 36 and 12, without leaving any remainder? SHOW ANSWER Correct Ans:12 Explanation: The
fastest way to find the correct answer is by elimination rule: Check whether each of the given choices doesn't divide both the numbers. So,12 is any of the given choices doesn't divide both the numbers. So,12 is any of the given choices doesn't divide both the numbers. So,12 is any of the given choices doesn't divide both the numbers. So,12 is any of the given choices doesn't divide both the numbers. So,12 is any of the given choices doesn't divide both the numbers. So,12 is any of the given choices doesn't divide both the numbers. So,12 is any of the given choices divide both the numbers. So,12 is any of the given choices divide both the numbers. So,12 is any of the given choices divide both the numbers. So,12 is any of the given choices divide both the numbers. So,12 is any of the given choices divide both the numbers. So,12 is any of the given choices divide both the numbers. So,12 is any of the given choices divide both the numbers. So,12 is any of the given choices divide both the numbers. So,12 is any of the given choices divide both the numbers. So,12 is any of the given choices divide both the numbers. So,12 is any of the given choices divide both the numbers are not any of the given choices divide both the numbers. So,12 is any of the given choices divide both the numbers are not any of the given choices divide both the numbers. So,12 is any of the given choices divide both the numbers are not any of the given choices divide both the numbers are not any of the given choices divide both the numbers are not any of the given choices divide both the numbers are not any of the given choices divide both the numbers are not any of the given choices divide both the numbers are not any of the given choices divide both the numbers are not any of the given choices divide both the numbers are not any of the given choices divide both the numbers are not any of the given choices divide both the numbers are not any of the given choices divide both the numbers are not any of the given choices divide both the numbers a
highest number. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers in the choice will exactly divide both the numbers. 129. Two bells ring at an interval of 20 sec and 37 secs. After what least time in seconds, will both the bells ring together? SHOW ANSWER Correct
Ans:740 Explanation: Given Two bells ring at an interval of 20 to 37 secs => When both bells ring together at least time => 20 * 37 => 740 seconds 130. Which number should come in place of the missing Number ?112, 143, 174, X, 236, 267 Consequtive
numbers increases by 31Following this pattern, the Missing Number X should increase by 31 from the previous number. When we add 31 to the number before X (i.e 174) we get 174+31=205 131. Find the HCF of 36, 10? SHOW ANSWER Correct Ans:2 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether
each of the given choices divides both the numbers. If any of the given choices doesnât t divide both the numbers, then you can eliminate that exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice
will exactly divide both the numbers, in that case, please choose the Highest among the numbers. 132. Find the LCM of 37, 24? SHOW ANSWER Correct Ans:888 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices is divisible by both the numbers. If any choice doesn't get
divided by both the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Number that is exactly divisible by both the numbers, in that case, please choose the lowest
among the numbers. 133. What should come in place of X in the below number series?112, 83, 54, X, -4, -33 SHOW ANSWER Correct Ans:25 Explanation: The given series is -- 112, 83, 54, X, -4, -33 Consequtive numbers decreases by 29 from the previous number. When we subract
29 to the number before X (i.e 54) we get 54-29=25 134. Find the HCF of 36, 8? SHOW ANSWER Correct Ans:4 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers. If any of the given choices doesn't divide both the numbers, then you can eliminate that
particular choice and move to the next choice. Answer will be the HIGHEST Numbers in the choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers. 135. Find the LCM of 37, 7? SHOW ANSWER
 Correct Ans:259 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choice and move to the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Number that is exactly
divisble by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. 136. Output of a particular program follows the below pattern. Can you find the Missing number? 112, 141, 170, X, 228, 257 SHOW
ANSWER Correct Ans: 199 Explanation: The given series is -- 112, 141, 170, X, 228, 257 Consequtive numbers increase by 29 from the previous number. When we add 29 to the number before X (i.e. 170) we get 170+29=199 137. Find the HCF of 36, 6? SHOW ANSWER Correct
Ans:6 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both
given numbers. The HCF is 6 Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers in the correct answer is by elimination rule:
Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers. Please Note: There may be a scenario when two or more numbers.
in the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the numbers. 139. In the below given sequence, what should be the Missing number?112, 87, 62, X, 12, -13 SHOW ANSWER Correct Ans:37 Explanation: The given series is -- 112, 87, 62, X, 12, -13 Consequtive numbers decreases by
25Following this pattern, the Missing Number X should decrease by 25 from the previous number. When we subract 25 to the number before X (i.e 62) we get 62-25=37 140. Find the HCF of 36, 22? SHOW ANSWER Correct Ans:2 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices
divides both the numbers. If any of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice will exactly divide both the
numbers, in that case, please choose the Highest among the numbers. Are you seeking for good platform for practicing Number System questions in online. This is the right place. The time you spent in Fresherslive will be the most beneficial one for you. This page provides important questions on Number System along with correct answers and clear
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System Questions and answers section with explanation for various online exam preparation, various interviews, Aptitude Category Online test. Category Questions section with detailed description, explanation will help you to master the topic. 141. Find the LCM of 37, 3? SHOW ANSWER Correct Ans:111 Explanation: The fastest way to find the
correct answer is by elimination rule : Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Number that is exactly divisble by both given numbers. Please Note: There may be a
scenario when two or more numbers in the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the number in the computer output? 112, 137, 162, X, 212, 237 SHOW ANSWER Correct Ans:187 Explanation: The
given series is -- 112, 137, 162, X, 212, 237Consequtive number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 25 from the previous number & Should increase by 2
  correct answer is by elimination rule : Check whether each of the given choices divides both the numbers. If any of the given choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both given numbers. The answer is 2. Please Note
There may be a scenario when two or more numbers in the choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers. 144. Two bells ring at an interval of 30, 31 seconds. After how many seconds they will ring together? SHOW ANSWER Correct Ans:930 Explanation: Given: Two bells ring at an interval of 30, 31 seconds.
30 to 31 secs When both bells ring together at time = 30 * 31 = 930 seconds. 145. A professor wrote down the below series in a class room. He wants his students to find the Missing number. Can you solve it ?112, 91, 70, X, 28, 7 SHOW ANSWER Correct Ans:49 Explanation: The given series is -- 112, 91, 70, X, 28, 7 Consequtive numbers decreases
by 21Following this pattern, the Missing Number X should decrease by 21 from the previous number. When we subract 21 to the number before X (i.e. 70) we get 70-21 = 49 146. Find the HCF of 32, 12? SHOW ANSWER Correct Ans:4 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given
 choices divides both the numbers. If any of the given choices doesn't divide both the numbers, then you can eliminate that exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divides both given numbers.
both the numbers, in that case, please choose the Highest among the numbers. 147. Find the CCM of 31, 20? SHOW ANSWER Correct Ans:620 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. 147. Find the LCM of 31, 20? SHOW ANSWER Correct Ans:620 Explanation: The fastest way to find the correct answer is by elimination rule:
numbers, then you can eliminate that particular choice and move to the next number. Answer will be exactly divisible by both the numbers, in that case, please choose the lowest among the numbers. 148
Below Numbers follow a particular pattern. Can you find the Missing number in the below pattern?112, 133, 154, X, 196, 217 Consequtive numbers increases by 21 Following this pattern, the Missing Number X should increase by 21 from the previous
number. When we add 21 to the number before X (i.e 154) we get 154+21=175 149. Find the HCF of 32, 10? SHOW ANSWER Correct answer is by elimination rule: Check whether each of the given choices divides both the numbers. If any of the given choices doesn't divide both the numbers.
LCM of 31, 24? SHOW ANSWER Correct Ans:744 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the numbers, then you can eliminate that particular choice and move to the next number. Answer will
be the Number that is exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the numbers. 151. In the given series, can you find the Missing number? 112, 89, 66, X, 20, -3 SHOW ANSWER
Correct Ans:43 Explanation: The given series is -- 112, 89, 66, X, 20, -3 Consequtive numbers decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 23 from the previous number X should decrease by 24 from the previous number X should decrease by 25 from the previous number X should decrease by 25 from the previous number X should decrease by 25 from the previous number X should decrease by 25 from the previous number X should decrease by 25 from the previous number X should decrease by 25 from the previous number X should decrease by 25 from the previous number X should decrease by 25 from the previous number X should decrease by 25 from the previous number X
The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both given numbers.
 given choices is divisble by both the numbers. If any choice doesnât the numbers, then you can eliminate that particular choice and move to the numbers. Please Note : There may be a scenario when two or more numbers in the choice will be exactly
 divisible by both the numbers, in that case, please choose the lowest among the numbers. 154. Fourth number is missing in the below series. Can you find the Fourth number is -- 112, 135, 158, X, 204, 227 Consequtive numbers increases
by 23Following this pattern, the Missing Number X should increase by 23 from the previous number. When we add 23 to the number before X (i.e 158) we get 158+23=181 155. Find the Correct answer is by elimination rule: Check whether each of the given
choices divides both the numbers. If any of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice and move to the next choice will exactly divide
both the numbers, in that case, please choose the Highest among the numbers. 156. Find the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers, in that case are please choose the Highest among the numbers. 156. Find the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. 156. Find the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. 156. Find the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. 156. Find the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers.
then you can eliminate that particular choice and move to the next numbers. Answer will be exactly divisible by both the numbers in that case, please choose the lowest among the numbers. 157. Can you
find the the missing number in the below series112, 85, 58, X, 4, -23 SHOW ANSWER Correct Ans:31 Explanation: The given series is -- 112, 85, 58, X, 4, -23 Consequtive numbers decreases by 27 Following this pattern, the Missing Number X should decrease by 27 Following this pattern, the Missing Number X should decrease by 27 Following this pattern, the Missing Number X should decrease by 27 Following this pattern, the Missing Number X should decrease by 27 Following this pattern, the Missing Number X should decrease by 27 Following this pattern, the Missing Number X should decrease by 27 Following this pattern, the Missing Number X should decrease by 27 Following this pattern, the Missing Number X should decrease by 27 Following this pattern, the Missing Number X should decrease by 27 Following this pattern, the Missing Number X should decrease by 27 Following this pattern, the Missing Number X should decrease by 27 Following this pattern, the Missing Number X should decrease by 27 Following this pattern, the Missing Number X should decrease by 27 Following this pattern, the Missing Number X should decrease by 28 Following this pattern, the Missing Number X should decrease by 28 Following this pattern, the Missing Number X should decrease by 28 Following this pattern, the Missing Number X should decrease by 28 Following this pattern, the Missing Number X should decrease by 28 Following this pattern, the Missing Number X should decrease by 28 Following this pattern, the Missing Number X should decrease by 28 Following this pattern, the Missing Number X should decrease by 28 Following this pattern, the Missing Number X should decrease by 28 Following this pattern, the Missing Number X should decrease by 28 Following this pattern, the Missing Number X should decrease by 28 Following this pattern, the Missing Number X should decrease by 28 Following this pattern, the Missing Number X should decrease by 38 Following this pattern, the Missing Number X should decrease by 38 Following Number X should decrease by 38 Foll
58-27=31 158. Find the HCF of 32, 22? SHOW ANSWER Correct answer is by elimination rule: Check whether each of the given choices divides both the numbers, then you can eliminate that particular choice and move to the next
choice. Answer will be the HIGHEST Number that exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divides both the numbers. There may be a scenario when two or more numbers in the choice will exactly divides both given numbers. There may be a scenario when two or more numbers in the choice will exactly divides both the numbers. There may be a scenario when two or more numbers in the choice will exactly divides both given numbers.
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Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the numbers in the the below series 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SH
247 Consequtive numbers increases by 27 Following this pattern, the Missing Number X should increase by 27 from the previous number. When we add 27 to the number before X (i.e 166) we get 166+27=193 Are you seeking for good platform for practicing Number System questions in online. This is the right place. The time you spent in
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 will help you to master the topic. 161. Find the next number 2, 6, 12, 20, ? SHOW ANSWER Correct Ans:30 Explanation: Solution is Each number = 1 x 2 = 2 Second number = 2 x 3 = 6 Third number = 3 x 4 = 12 Fourth number = 4 x 5 =
20 Next number will be = (5 x 6) = 30 Answer is 30 162. What number (1023) is 32 x 32 - 1 Fourth number (1088) is 33 x 33 - 1 Next number (209) is 30 x 30 - 1 Second number (1023) is 32 x 32 - 1 Fourth number (1088) is 33 x 33 - 1 Next number
has to be 34 x 34 - 1 = 1155 Answer is 1155 163. What number (120) is 11 x 11 - 1 Third number (143) is 12 x 12 - 1 Fourth number (168) is 13 x 13 - 1 Next number has to
20, 30 First number (0) is: 12-1, Second number (2) is: 22-2, Third number (2) is: 22-3, Fourth number (20) is: 52-5, Sixth number (20) is: 52
(2) = 12 + 1, Second number (5) = 22 + 1, Third number (10) = 32 + 1, Fourth number (
Second number (962) is 31 x 31 + 1 Third number (1025) is 32 x 32 + 1 Fourth number (1090) is 33 x 33 + 1 Next number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (and so be 34 x 34 + 1 = 1157 169. What number (
Third number (24) is 5 x 5 - 1, Fourth number (35) is 6 x 6 - 1 Next number has to be 7 x 7 - 1 = 48 170. In the given series, can you find the Missing number? 106, 83, X, 37, 14 Consecutive numbers decreases by 23 Following this pattern, the Missing
Number X should decrease by 23 from the previous number. When we subract 23 to the number before X (i.e 83) we get 83 - 23 = 60. 171. What number comes next: 99, 120, 143, 168, ? SHOW ANSWER Correct Ans:195 Explanation: Solution is Given 99, 120, 143, 168 Logic is: First number is 10 x 10 - 1 = 99 Second number is 11 x 11 - 1 =
120 Third number is 12 x 12 - 1 = 143 Fourth number is 13 x 13 - 1 = 168 SoNext number is 3 x 3-1, Second number is 4 x 4-1, Third number is 5 x 5-1, Fourth
number is 6 \times 6 - 1 Next number has to 7 \times 7 - 1 = 48 173. Find the NEXT term : 11, 17, 15, 21, 19 The above terms follow the pattern +6, -2, +6, -2, ... 11, 11+6=17, 17-2=15, 15 +6 = 21, 21-2=19 Now, 19+6=25 Hence the next term has to be 25 174. Find the NEXT term
: 0, 2, 6, 12, 20, 30, ? SHOW ANSWER Correct Ans: 42 Explanation: Given flow is: 0, 2, 6, 12, 20, 30 Logic is: 12-1 = 0 22-2 = 2 32-3 = 6 42-4 = 12 52-5 = 20 62-6 = 30 The next term has to be 72-7 = 42 Answer is 42 175. What number should come next 34, 17, 18, 9, ? SHOW ANSWER Correct Ans: 10 Explanation: Solution is Given 34, 17, 18, 9
Second number is half of first number => 34 / 2 = 17 Third number + 1 => 9 + 1 = 10 Alternately divide by 2 and add 1 Answer is 10 176. What number should come next? 12, 30, 56, ? SHOW ANSWER Correct Ans:100
Explanation: 12 = 3 \times 4 \times 30 = 5 \times 6 \times 6 = 7 \times 8 \times 90 = 9 \times 10 \times 177. Look at this series: 2, 1, (1/2), (1/4), ... What number by 2 to get the next number 2/2 = 1/2 \times 1
next number, 2, 5, 10, 17, ? SHOW ANSWER Correct Ans: 26 Explanation: Solution is: Given: 2, 6, 12, 20, ? SHOW ANSWER Correct Ans: 30 Explanation: Given: 2, 6, 12, 20, 1 x 2, 2 x 3, 3 x 4, 4 x 5, (5 x 6) Answer is 30. Product of two consecutive
natural numbers 180. If a quarter kg of potato costs 60 paisa, how many paisa will 200gm cost? SHOW ANSWER Correct Ans:52 Explanation: Quarter kg = 250 grams Less weight, less price (direct proportion) 250: 200:: 60: x x = (200 x 60)/250 => x = 48 So 200 gm will cost 48 paisa Are you seeking for good platform for practicing Number
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online test. Category Questions section with detailed description, explanation will help you to master the topic. 181. How much part of a day is 45 minutes = 3/4 of hour 
SHOW ANSWER Correct Ans:30 Explanation: 27^20 ? 27^10 = 3^k = 27^10 = 
= 114 186. If the numerator of a fraction is increased by 300% and the denominator is increased by 100%, the resultant fraction is 1 11/19. Find the original fraction be x/y. Numerator increased by 300% means, it is quadrupled. Denominator increase by 100% means, it is
doubled. New fraction is 4x/2y = 30/19 (writing in simple fraction)? 2x/y = 30/19 = x/y = 15/19 187. Which of the following number should be added to 28614 in order to obtain a multiple of 87? SHOW ANSWER Correct Ans:9 Explanation: On dividing the given number 28614 by 87, we have the remainder = 78. That is 28614 = 87 x 328 + 78
Therefore, the required number to be added is 87.78 = 9.188. The sum of two numbers is 16 and their difference is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two numbers is 2. Find the product of the two nu
= 18 = x = 9 Subtracting these two equation, we get 2y = 14 = y = 7 Product of these two number is (30 \times 30)-1, Second number is (31 \times 31)-1, Third number is (32 \times 31)-1, Third number is (32 \times 31)-1, Second number is (33 \times 31)-1, Third number is (34 \times 31)-1, Thi
32) -1, Fourth number is (33 x 33) -1 The number series 2 5 11 23 47? It is clear that the next number has to be 47 + 48 = 95 191. If the product
of two successive positive integers is 5328, which is the smallest integer? SHOW ANSWER Correct Ans: 528, which is the same number by 17, what will be the remainder? SHOW ANSWER Correct Ans: 528, which is the same number and y be the quotient
Then, X = 357 \times y + 39 = (17x21xy) + (17x2) + 5 So, required number = 5 193. Cube root of (941192) = ? SHOW ANSWER Correct Ans:98 Explanation: 98 x 98 = 941192 194. The difference between a two digits of the
number is 15. What is product of the two digits are 7 and 8. The number ? SHOW ANSWER Correct Ans:56 Explanation: Sum of the digits are 7 and 8. The number is 87, interchanging digits we get 78, Difference between these two numbers = 9 Product of these two digits = 7 x 8 = 56 195. The product of two
consecutive even numbers is 15128. Find the average of these two numbers. SHOW ANSWER Correct Ans:123 Explanation: We will go from the option. We will eliminate 133 and 139, since their product will exceed 16900. Now the tug of war is between 123 and 127. Lets take 123, if 123 is the average then the consecutive even numbers will be 122 and 127. Lets take 123 and 139, since their product will exceed 16900. Now the tug of war is between 123 and 127. Lets take 123, if 123 is the average then the consecutive even numbers will be 122 and 127. Lets take 123, if 123 is the average then the consecutive even numbers will be 122 and 127. Lets take 123, if 123 is the average then the consecutive even numbers will be 122 and 127. Lets take 123, if 123 is the average then the consecutive even numbers will be 122 and 127. Lets take 123, if 123 is the average then the consecutive even numbers will be 122 and 127. Lets take 123, if 123 is the average then the consecutive even numbers will be 122 and 127. Lets take 123, if 123 is the average then the consecutive even numbers will be 122 and 127. Lets take 123, if 123 is the average then the consecutive even numbers will be 122 and 123 and 124. Lets take 123, if 123 is the average then the consecutive even numbers will be 122 and 123 and 124. Lets take 123 and 124 and 124
and 124. Now, observe, 122 x 124 = ....8, that is the resulting number ends with 8. Now you try for 127. (HINT: The consecutive even number with 127 as average us 126 and 128) The two numbers are 122 and 124. Average is 123. 196. What is the least number to be added with 2016 to make it perfect square? SHOW ANSWER Correct Ans:9
Total number of students = 54 \times 30. If there are 45 \times k = 54 \times 30. If there are 45 \times k = 54 \times 30. Find a positive number be x. Then, x + 17 = 60 / x = x \times 2 + x \times 10. If there are 45 \times k = 54 \times 30. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If there are 45 \times k = 6 \times 30 = x \times 10. If the 45 \times 10 = x \times 10 = 
17x - 60 = 0 = x = 3. 199. In a two-digit, if it is known that its unit's digit exceeds its ten's digit by 2 and that the product of the given number and the sum of its digit be x. Then, unit's digit = x + 2. Number = 10x + (x + 2) 
11x + 2. Sum of digits = x + (x + 2) = 2x + 2. (11x + 2)(2x + 2) = 144\ 22x^2 + 26x - 140 = 0\ 11x^2 + 13x - 70 = 0 (x - 2)(x - 
SHOW ANSWER Correct Ans:11 Explanation: Let the ten's digit be x and unit's digit be y. Then, number = 10x + y. Number obtained by interchanging the digits = 10y + x. Therefore, (10x + y) + (10y + x) = 11(x + y), which is divisible by 11. Are you seeking for good platform for practicing Number System questions in online. This is the right place.
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description, explanation will help you to master the topic. 201. The sum of the squares of three numbers is 131. Their sum is: SHOW ANSWER Correct Ans:20 Explanation: Let the numbers be a, b and c. Then, a2 + b2 + c2 = 138 and (ab + bc + ca) = 131. WKT, (a + b + c) 2 = a2 + b2 + c2
+ 2(ab + bc + ca) Substituting + bc + ca) = 138, + bc + ca) = 131. + bc + ca) = 138, + bc + ca, 
 Explanation: Let the ten's digit be x and unit's digit be y. Then, x + y = 15 and x - y = 3 or y - x = 3. Solving x + y = 15 and x - y = 3, we get: x = 9, y = 6. Solving x + y = 15 and y - x = 3, we get: x = 9, y = 6. Solving x + y = 15 and y - x = 3, we get: x = 9, y = 6. Solving x + y = 15 and y - x = 3, we get: x = 9, y = 6. Solving x + y = 15 and y - x = 3, we get: x = 9, y = 6. Solving x + y = 15 and y - x = 3, we get: x = 6, y = 9. So, the number is either y = 15 and y - x = 3.
When 18 is added to the number, then the digits are reversed. The number is: SHOW ANSWER Correct Ans:24 Explanation: Let the ten's and unit's digit be x and 8 / x respectively. Then, (10 x + 8 / x) + 18 = (10 x 8 / x) + x = > 10x^2 + 8 + 18x = 80 + x^2 = > 9x^2 + 18x - 72 = 0 = > x^2 + 2x - 8 = 0 = > (x + 4)(x - 2) = 0 = > x = 2 = > ten's digit
=> 8 / x = 8/2 = 4 => unit's digit Hence the number is 24 204. The difference between the digits of the number is 1: 2? SHOW ANSWER Correct Ans:8 Explanation:
Since the number is greater than the number obtained on reversing the digits, so the ten's digit is greater than the unit's digits be 2x = 4 Required difference = (2x + x) - (2x - x) = 2x = 8 205. If one-third of one-fourth of a number is 15, then three-
tenth of that number is: SHOW ANSWER Correct Ans: 54 Explanation: Let the number be x. Then, 1/3 of 1/4 of x = 15 x 12 = 180. So, required number = (3/10 \times 180) = 54. 206. \{(476 + 424)2 - 4 \times 476 \times 424\} = ? SHOW ANSWER Correct Ans: 2704 Explanation: Given Exp. = [(a + b)2 - 4ab] = (a-b)2, where a = 476 and b = 424 [(476 + 424)2 - 4 \times 476 \times 424] = ? SHOW ANSWER Correct Ans: 2704 Explanation: Given Exp. = [(a + b)2 - 4ab] = (a-b)2, where a = 476 and b = 424 [(476 + 424)2 - 4 \times 476 \times 424] = ? SHOW ANSWER Correct Ans: 2704 Explanation: 2704 Expl
-4 \times 476 \times 424] = (476 - 424)2 = 522 = 2704 \times 207. (1000)^9 / 10^24 = ? SHOW ANSWER Correct Ans: 1000 \times 208. Which one of the following can't be the square of natural number? SHOW ANSWER Correct Ans: 143642 Explanation: The square of a natural
   100 number nerver ends in 2. 143642 is not the square of natural number. 209. 3+33+33=? SHOW ANSWER Correct Ans: 372.33 Explanation: 3+33+333+3.33=?
                                                                                                                                                                                                                                                                                                                           --- 372.33 ----- 210. 287 x 287 + 269 x 269 - 2 x 287 x 269 = ? SHOW ANSWER Correct Ans:324 Explanation: Given Exp. = a^2 + b^2 - 2ab, where a = 287 and b = 269 = (a
b)^2 = (287 - 269)^2 = (18^2) = 324 SHOW ANSWER Correct Ans: 280.875 212. 8796 x 77 = 8796 x 1/8 = 280.875 212. 8796 x 1/8 212. 8796 x 1/8 213. 8796
Correct Ans:3893103 Explanation: 3897 \times 999 = 3897 \times (1000 - 1) = 3897 \times 1000 - 3897 \times 1 = 3897000 - 3897000 - 3897000 - 3897000 - 3897000 - 3897000 - 389
divisible by 9. So, x = 4. Hence, (x + y) = (4 + 0) = 4. 215. The unit digit in the product (784 \times 618 \times 917 \times 463) is: SHOW ANSWER Correct Ans: 2 Explanation: Unit digit in the given product = 216 \times 217 \times 217 + 183 \times 183 = ? SHOW ANSWER Correct Ans: 80578 Explanation: (217)^2 + (183)^2 = (200 + 17)^2 + (183)^2 = (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^2 + (200 + 17)^
(200 - 17)^2 = 2 \times [(200)^2 + (17)^2] [Ref: (a + b)^2 + (a - b)^2 = 2(a^2 + b^2)] = 2[40000 + 289] = 2 \times 40289 = 80578. SHOW ANSWER Correct Ans: 4155 218. 3251 + 587 + 369 - ? = 3007 SHOW ANSWER Correct Ans: 1200 Explanation: 3251 Let 4207 - \times = 3007 + 587 Then, \times = 4207 -
3007 = 1200 + 369 ---- 4207 ---- 219. On dividing a number by 68, we get 269 as quotient and 0 as remainder? SHOW ANSWER Correct Ans:1 Explanation: Number = 269 x 68 + 0 = 18292 67) 18292 (273 134 ---- 489 469 ---- 202 201 --- 1 --- Therefore, Required remainder = 1 220. The
difference between the place values of two sevens in the numeral 69758472 is SHOW ANSWER Correct Ans:699930 Explanation: Required difference = (700000 - 70) = 699930 Are you seeking for good platform for practicing Number System questions in online. This is the right place. The time you spent in Fresherslive will be the most beneficial one
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666 \times 6^{-1} \times 3^{-1} = ? SHOW ANSWER Correct Ans:37 Explanation: Given Exp. = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45/2 = 35 + 45
of a natural number never ends in 7. Therefore, 42437 is not the square of a natural number. 224. If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then X = 24.7 If (64)^2 - (36)^2 = 20 \times X, then (64)^2 - (36)^2 = 20 \times X.
x = 587000 - 587 = 586413. 226. The difference of the squares of two consecutive odd integers is divisible by which of the following integers is divisible by which of the 
which is divisible by 8. 227. If x and y are the two digits of the number 653xy such that this number is divisible by 8, then x + y = ? SHOW ANSWER Correct Ans: 2 or 6 Explanation: 80 = 2 x 5 x 8 Since 653xy is divisible by 8, so 13x should be divisible by 8. 21x and 5 both, so y = 0. Now, 653x is divisible by 8, so 13x should be divisible by 8. 21x and 5 both, so y = 0. Now, 653x is divisible by 8. 227. If x and y are the two digits of the number 653xy is divisible by 8. 21x and 5 both, so y = 0. Now, 653x is divisible by 8. 21x and 5 both, so y = 0. Now, 653x is divisible by 8. 21x and 5 both, so y = 0. Now, 653x is divisible by 8. 21x and 5 both, so y = 0. Now, 653x is divisible by 8. 21x and 5 both, so y = 0. Now, 653x is divisible by 8. 21x and 5 both, so y = 0. Now, 653x is divisible by 8. 21x and 5 both, so y = 0. Now, 653x is divisible by 8. 21x and 5 both, so y = 0. Now, 653x is divisible by 8. 21x and 5 both, so y = 0. Now, 653x is divisible by 8. 21x and 5 both, so y = 0. Now, 653x is divisible by 8. 21x and 5 both, so y = 0. Now, 653x is divisible by 8. 21x and 5 both, so y = 0. Now, 653x is divisible by 8. 21x and 5 both, so y = 0. Now, 653x is divisible by 8. 21x and 5 both, so y = 0. Now, 653x is divisible by 8. 21x and 5 both, so y = 0.
6. 228. If 60% of 3 / 5 of a number is 36, then the number is: SHOW ANSWER Correct Ans:100 Explanation: Let the number by 7, the product is a number each of whose digits is 3. The smallest such number is: SHOW ANSWER Correct
Ans:47619 Explanation: By hit and trial, we find that 47619 x 7 = 333333. 230. In a division sum, the remainder is 0. As student mistook the divisor by 12 instead of 21 and obtained 35 as quotient. What is the correct quotient? SHOW ANSWER Correct Ans:20 Explanation: Number = (12 x 35) Correct Quotient = 420 ÷ 21 = 20 231. 9548 + 7314 =
8362 + (?) SHOW ANSWER Correct Ans:8500 Explanation: 9548 16862 = 8362 + x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - 8362 - x + 7314 x = 16862 - x + 7314 x
that (3x + 7y) = (3x5 + 7x1) = 22, which is divisible by 11; (4x - 9y) = (4x5 + 6x1) = 26, which is not divisible by 11; (4x - 9y) = (4x5 - 9x1) = 11, which is divisible by 11. Therefore, (4x + 6y) = (4x5 + 6x1) = 26, which is not divisible by 11; (4x - 9y) = (4x5 - 9x1) = 11, which is divisible by 11. 233. The largest 5 digit number exactly
divisible by 91 is: SHOW ANSWER Correct Ans:99918 Explanation: The largest 5 digit number exactly divisible by 91 = 99918 234. The smallest 6 digit number exactly divisible by 111 is: SHOW ANSWER
Correct Ans:100011 Explanation: The smallest 6-digit number 100000. 111) 100000 (900 999 ---- 100 --- Required number = 100000 + (111 - 100) = 100011. 235. Which one of the following is a prime number? SHOW ANSWER Correct Ans:373 Explanation: 437 > 22 All prime numbers less than 22 are: 2, 3, 5, 7, 11, 13, 17, 19. 161 is divisible by 7,
and 221 is divisible by 13. 373 is not divisible by 13. 373 is not divisible by any of the above prime numbers. 373 is prime numbers. 375 is prime numbers. 375 is prime numbers. 373 is prime numbers. 375 is prime numbers. 376 is prime numbers. 377 is prime numbers. 377 is prime numbers. 378 is prime number
Explanation: This is an A.P. in which a = 51, l = 100 and n = 50. Therefore, Sum = n/2 (a + l) = 50/2 x (51 + 100) = (25 \times 151) = 3775. 238. If a and b are odd number is even. So, a + b is even. 239. The difference between the place
value and the face value of 6 in the numeral 856973 is SHOW ANSWER Correct Ans: 5994 Explanation: (Place value of 6) = (6000 - 6) = 5994 240. The sum all even natural numbers between 1 and 31 is: SHOW ANSWER Correct Ans: 240 Explanation: (Place value of 6) = (6000 - 6) = 5994 240. The sum all even natural numbers between 1 and 31 is: SHOW ANSWER Correct Ans: 240 Explanation: (Place value of 6) = (6000 - 6) = 5994 240. The sum all even natural numbers between 1 and 31 is: SHOW ANSWER Correct Ans: 240 Explanation: (Place value of 6) = (6000 - 6) = 5994 240. The sum all even natural numbers between 1 and 31 is: SHOW ANSWER Correct Ans: 240 Explanation: (Place value of 6) = (6000 - 6) = 5994 240. The sum all even natural numbers between 1 and 31 is: SHOW ANSWER Correct Ans: 240 Explanation: (Place value of 6) = (6000 - 6) = 5994 240. The sum all even natural numbers between 1 and 31 is: SHOW ANSWER Correct Ans: 240 Explanation: (Place value of 6) = (6000 - 6) = 5994 240. The sum all even natural numbers between 1 and 31 is: SHOW ANSWER Correct Ans: 240 Explanation: (Place value of 6) = (6000 - 6) = 5994 240. The sum all even natural numbers between 1 and 31 is: SHOW ANSWER Correct Ans: 240 Explanation: (Place value of 6) = (6000 - 6) = 5994 240. The sum all even natural numbers between 1 and 31 is: SHOW ANSWER Correct Ans: 240 Explanation: (Place value of 6) = (6000 - 6) = 5994 240. The sum all even natural numbers between 1 and 31 is: SHOW ANSWER Correct Ans: 240 Explanation: (Place value of 6) = (6000 - 6) = 5994 240. The sum all even natural numbers between 1 and 31 is: SHOW ANSWER Correct Ans: 240 Explanation: (Place value of 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6) = (6000 - 6
and l = 30. Let the number of terms be n. Then, the l = 30 a + l = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = l = 14 n = 15 Therefore, Sn = 
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the fullest. GOODLUCK for Your Bright Future. Page 13Number System Questions: Solved 444 Number System Questions and answers section with detailed description, explanation will help you to master the topic. 241
Which one of the following is a prime number? SHOW ANSWER Correct Ans: None of these Explanation: Sqrt(551) > 22 All prime numbers less than 24 are: 2, 3, 5, 7, 11, 13, 17, 19, 23. 119 is divisible by 1; 187 is divisible by 1; 247 is divisible by 1; 187 is divisible by 1; 247 is divisible by 1.
squares of two consecutive even integers is divisible by which of the following integers? SHOW ANSWER Correct Ans:4 Explanation: Let the two consecutive even integers be 2n + 4 - (2n)^2 = 8n + 4 = 4(2n + 1) = 8n + 4 =
divisible by 4 243. A number when divided by 6 leaves a remainder 3. When the square of the number is divided by 6, the remainder = 3. 244. Which one of the following
numbers is completely divisible by 45? SHOW ANSWER Correct Ans:202860 Explanation: 45 = 5 x 9, where 5 and 9 are co-primes. Unit digit must be 0 or 5 and sum of digits must be 0 or 5 and sum of digits must be 1 or 5 and 9 are co-primes. Unit digit must be 1 or 5 and 9 are co-primes. Unit digit must be 1 or 5 and 9 are co-primes. Unit digit must be 1 or 5 and 9 are co-primes. Unit digit must be 1 or 5 and 9 are co-primes. Unit digit must be 1 or 5 and 9 are co-primes. Unit digit must be 1 or 5 and 9 are co-primes. Unit digit must be 1 or 5 and 9 are co-primes. Unit digit must be 1 or 5 and 9 are co-primes. Unit digit must be 1 or 5 and 9 are co-primes. Unit digit must be 1 or 5 and 9 are co-primes. Unit digit must be 1 or 5 and 9 are co-primes. Unit digit must be 1 or 5 and 9 are co-primes. Unit digit must be 1 or 5 and 9 are co-primes. Unit digit must be 1 or 5 and 9 are co-primes. Unit digit must be 1 or 5 and 9 are co-primes. Unit digit must be 1 or 5 and 9 are co-primes. Unit digit must be 2 or 5 and 9 are co-primes. Unit digit must be 2 or 5 and 9 are co-primes. Unit digit must be 2 or 5 and 9 are co-primes. Unit digit must be 2 or 5 and 9 are co-primes. Unit digit must be 2 or 5 and 9 are co-primes. Unit digit must be 3 are co-primes. Unit digit must be 3 are co-primes. Unit digit must be 3 are co-primes. Unit digit must be 4 or 5 are co-primes.
number Explanation: For every natural number n, (x^n - a^n) is completely divisible by (x - a). 246. (35423 + 7164 + 41720) - (317 x 89) = ? SHOW ANSWER Correct Ans: 56094 Explanation: 35423 317 x 89 = 317 x (90 - 1) + 7164 = (317 x 90 - 317) + 41720 = (28530 - 317) ---- = 28213 84307 - 28213 ---- 56094 ---- 247. 397 x 397 + 104 x 104 + 2 x 104 +
397 \times 104 = ? SHOW ANSWER Correct Ans:251001 Explanation: Given Exp. = (397)^2 + (104)^2 = (500)^2 + (104)^2 = (500)^2 + (104)^2 = (500)^2 + (104)^2 = (500)^2 + (104)^2 = (500)^2 + (104)^2 = (500)^2 + (104)^2 = (500)^2 + (104)^2 = (500)^2 + (104)^2 = (500)^2 + (104)^2 = (500)^2 + (104)^2 = (500)^2 + (104)^2 = (500)^2 + (104)^2 = (500)^2 + (104)^2 = (500)^2 + (104)^2 = (500)^2 + (104)^2 = (500)^2 + (104)^2 = (500)^2 + (104)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (500)^2 = (
SHOW ANSWER Correct Ans:2 Explanation: Let n = 4q + 3. Then 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2. Thus, when 2n = 8q + 6 = 4(2q + 1) + 2.
which is completely divisible by 88? SHOW ANSWER Correct Ans:9240 Explanation: On dividing we get, 88) 9217 (104 88 ---- 417 352 ---- 65 ---- Therefore, Required number = 9217 + (88 - 65) // Because (88 - 65) < 65. = 9217 + 23 = 9240. 251. Which of the following numbers is divisible by each one of 3, 7, 9 and 11? SHOW ANSWER Correct
Ans:2079 Explanation: Given 639 is not divisible by 7 2079 is divisible by 7 2079 is a correct answer. 252. If the number 42573 * is exactly divisible by 72, then the minimum value of x for which 73x for which 73x is
divisible by 8 is, x = 6. Sum of digits in 425736 = (4 + 2 + 5 + 7 + 3 + 6) = 27, which is divisible by 9. Required number = 8485, which is completely divisible by 9. Required number = 8485, which is divisible by 9. Required number = 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 9875 - 98
(8485 - 10) // Because 10 < (75 - 10) = 8475. 254. (800 / 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 ÷ 64) x (1296 + 36) = 12.5 * 36 = 450 255. How many prime numbers are less than 50 ? SHOW ANSWER Correct Ans: 15 Explanation: (800 ÷ 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 ÷ 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 ÷ 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 ÷ 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER Correct Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER CORRECT Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER CORRECT Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER CORRECT Ans: 450 Explanation: (800 + 64) x (1296 / 36) = ? SHOW ANSWER CORRECT Ans: 450 Explanation: (800 + 64) x (1296 / 36) = 
Their number is 15 256. A boy multiplied 987 by a certain number and obtained 55981 as his answer. If in the answer would be: SHOW ANSWER Correct Ans:555681 Explanation: 987 = 3 x 7 x 47 So, the required number must be divisible by each one of 3, 7, 47 553681 (Sum
of digits = 28, not divisible by 3) 555181 (Sum of digits = 25, not divisible by 3) 555681 is divisible by 3, 7, 47. 257. On dividing 2272 as well as 875 by 3-digit number N, we get the same remainder. The sum of the digits of N is SHOW ANSWER Correct Ans:10 Explanation: Clearly, (2272 - 875) = 1397, is exactly divisible by N. Now, 1397 = 11 x 127
The required 3-digit number is 127, the sum of whose digits is 10. 258. If the number 5 * 2 is divisible by 3. So, x = 2. 259. If the number 97215 * 6 is completely divisible by 11, then the smallest
whole number in place of * will be: SHOW ANSWER Correct Ans:3 Explanation: Given number = 97215x6 (6 + 5 + 2 + 9) - (x + 1 + 7) = (14 - x), which must be divisible by 11. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 11. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by 51. x = 3 260. 476 ** 0 is divisible by
the given number be 476 \times y = 0. Then (4 + 7 + 6 + x + y + 0) = (17 + x + y) must be divisible by 3. And, (0 + x + 7) - (y + 6 + 4) = (x - y - 3) must be either 0 or 11. x - y - 3 = 0 y = x - 3 (17 + x + y + 0) = (17 + x + x + y) = (17 + x + x + 3) = (2x + 14) x = 2 or x = 8. Therefore, x = 8 and y = 5. Are you seeking for good platform for practicing Number System questions in
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successful one. Fresherslive provides you a new opportunity to improve yourself. Take it and make use of it to the fullest. GOODLUCK for Your Bright Future. Page 14Number System Questions: Solved 444 Number System Questions and answers section with explanation for various online exam preparation, various interviews, Aptitude Category
online test. Category Questions section with detailed description, explanation will help you to master the topic. 261. What least number must be subtracted from 13601, so that the remainder is division sum, the divisor is 10 times
same number is divided by 37, the remainder will be: SHOW ANSWER Correct Ans: 1 Explanation: Let x = 296g + 75 = (37 \times 8g + 37 \times 2) + 1 = 37(8g + 2) + 1 Thus, when the number is divided by 37, the remainder is 1. SHOW ANSWER Correct Ans: -2071 Explanation: Given Exp. = -84 \times (30 - 1) + 365 = -(84 \times 30) + 84 + 365 = -2520 + 449 = -2071
265. If the product 4864 \times 9 \times P2 is divisible by 3. So, (9 + P + 2) must be divisible by 3. P = 1.266. On dividing a number by 357, we get 39 as remainder. On dividing the same number 17, what will be the
remainder? SHOW ANSWER Correct Ans:5 Explanation: Let x be the number and y be the quotient. Then, x = 357 xy + 39 = (17 x 21 xy) + (17 x 2) + 5 = 17 x (21y + 2) + 5) Required remainder = 5. 267. The smallest prime number is: SHOW ANSWER Correct Ans:5 Explanation: The smallest prime number is 2. 268. 8597 - ? = 7429 - 4358 SHOW
ANSWER Correct Ans:5526 Explanation: 7429 Let 8597 - x = 3071 -4358 Then, x = 8597 - x = 3071 ---- 269. How many 3 digit numbers are divisible by 6 in all? SHOW ANSWER Correct Ans:150 Explanation: Required numbers are divisible by 6 in all? SHOW ANSWER Correct Ans:150 Explanation: Required numbers are divisible by 6 in all? SHOW ANSWER Correct Ans:150 Explanation: Required numbers are divisible by 6 in all? SHOW ANSWER Correct Ans:150 Explanation: Required numbers are divisible by 6 in all? SHOW ANSWER Correct Ans:150 Explanation: Required numbers are divisible by 6 in all? SHOW ANSWER Correct Ans:150 Explanation: Required numbers are divisible by 6 in all? SHOW ANSWER Correct Ans:150 Explanation: Required numbers are divisible by 6 in all? SHOW ANSWER Correct Ans:150 Explanation: Required numbers are divisible by 6 in all? SHOW ANSWER Correct Ans:150 Explanation: Required numbers are divisible by 6 in all? SHOW ANSWER Correct Ans:150 Explanation: Required numbers are divisible by 6 in all? SHOW ANSWER Correct Ans:150 Explanation: Required numbers are divisible by 6 in all? SHOW ANSWER Correct Ans:150 Explanation: Required numbers are divisible by 6 in all? SHOW ANSWER Correct Ans:150 Explanation: Required numbers are divisible by 6 in all? SHOW ANSWER Correct Ans:150 Explanation: Required numbers are divisible by 6 in all 8 in all 8
A.P. in which a = 24, d = 6 and l = 96 Let the number of terms in it be n. Then tn = 96 a + (n - 1) d = 96 (n - 1) x 6 = 96 (n - 1)
114, \dots, 996 This is an A.P. in which a = 102, d = 6 and l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. Then the l = 996 Let the number of terms be n. The l = 996 Let the number of terms be n. The l = 996 Let the l = 996 Let the number of terms be n. The l = 996 Let the number of terms be n. The l = 996 Let the l = 9
the number is divided by 5 SHOW ANSWER Correct Ans:4 Explanation: Let the number be x and on dividing x by 5, we get 4 as remainder. x = 5k + 3x^2 = (5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = 5(5k + 3)^2 = (25k^2 + 30k + 9) = (25k^2 + 30k
the same number by 8, what will be the remainder? SHOW ANSWER Correct Ans:5 Explanation: Formula: (Divisor*Quotient) + Remainder = Dividend. Soln: (56*Q)+29=D ------(1) D%8 = R. => 85%8 = R => 5 = R. 274. The difference between the local
x + 6 + 7 + 3 = (29 + x), which must be divisible by 9. x = 7\ 276. (?) + 3699 + 1985 - 2047 = 31111 = <math>x + 3699 + 1985 - 2047 = 31111 = x + 3699 + 1985 - 2047 = 31111 = x + 3699 + 1985 - 2047 = 31111 = <math>x + 3699 + 1985 - 2047 = 31111 = x + 3699 + 1985 = 31111 = x + 3699 = x + 36
Correct Ans:3125736 Explanation: 24 = 3 \times 8, where 3 and 8 co-prime. Clearly, 35718 is not divisible by 8. Similarly, 63810 is not divisible by 8. Similarly, 63810
8), i.e., 24. 278. (?) - 19657 - 33994 = 9999 SHOW ANSWER Correct Ans: 63650 Explanation: (4 + 5 + 2) - (1 + 6 + 3) = 1, not divisible by 11. (2 + 6) - (2 + 6) + (2 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + (3 + 6) + 
+4) - (4+5+2) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+4) = 0, So, 415624 is divisible by 11. (4+6+1) - (2+5+4) = 0, So, 415624 is divisible by 11. (4+6+1) - (2+5+4) = 0, So, 415624 is divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1, not divisible by 11. (4+6+1) - (2+5+3) = 1.
and 101 is not divisible by any of the prime numbers 2, 3, 5, 7, 11. 101 is a prime number. Hence 101 is the smallest 3-digit prime number. Are you seeking for good platform for practicing Number System questions in online. This is the right place. The time you spent in Fresherslive will be the most beneficial one for you. This page provides important
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Future. Page 15Number System Questions: Solved 444 Number System Questions and answers section with detailed description, explanation will help you to master the topic. 281. If the number 517*324 is completely
divisible by 3, then the smallest whole number in the place of * will be: SHOW ANSWER Correct Ans:2 Explanation: Sum of digits = (5 + 1 + 7 + x + 3 + 2 + 4) = (22 + x), which must be divisible by 3. x = 2. SHOW ANSWER Correct Ans:25117481 Explanation: 72519 x (10000 - 1) = 72519 x 10000 - 72519 x
= 725117481. 283. The difference of two number s is 1365. On dividing the larger number e x. Given, larger number - smaller number = 1365 Then, larger number = (x + 1365)
Therefore, x + 1365 = 6x + 15 = 5x = 1350 = x = 270 Hence, smaller number = 270. 284. The sum of first five prime numbers is: SHOW ANSWER Correct Ans:28 Explanation: Required sum = (2 + 3 + 5 + 7 + 11) = 28. Note: 1 is not a prime number. (Definition: A prime number (or a prime) is a natural number that has exactly two distinct
natural number divisors: 1 and itself.) 285. \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 SHOW ANSWER Correct Ans: 4 Explanation: \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{(27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 SHOW ANSWER Correct Ans: 97 Explanation: \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 SHOW ANSWER Correct Ans: 97 Explanation: \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 SHOW ANSWER Correct Ans: 97 Explanation: \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3 (3/5) \sqrt{((27 / 5 \times ?) / 15)} = 5.4/6 + 0.3
number exactly divisible by 88 is: SHOW ANSWER Correct Ans:9944 Explanation: Largest 4-digit number = 9999 On dividing 9999 by 88, we get => Quotient =113 => Remainder = 55 So, 9999 - 55 = 9944 Thus the largest 4-digit number exactly divisible by 88 = 9944 SHOW ANSWER Correct Ans:1951609 Explanation: 1397 x 1397 = (1397) ^2 =
(1400 - 3) ^2 = (1400) ^2 + (3) ^2 = (1400) ^2 + (3) ^2 - (2 \times 1400 \times 3) = 1960000 + 9 - 8400 = 1951609. SHOW ANSWER Correct Ans: 2 Explanation: 23) 1056 (45 92 --- 136 115 --- 21 --- Required number = (23 - 21) = 2. SHOW ANSWER Correct
Ans: 70000 Explanation: (112 x 5^4) = 112 x (10/2) ^4 = 112 x (10/
digit is 27. Find the difference between the digits. SHOW ANSWER Correct Ans:3 Explanation: Let the tens and unit digits be x and y respectively. Then, two digit number be 10x + y - 10y - x = 27 = 9x - 9y = 27 = 9x
Therefore, difference between the digits = 3 293. What is the value of M and N respectively? If M39048458N is divisible by 8 and 11; where M and N are single digit integers? SHOW ANSWER Correct Ans:6, 4 Explanation: Test of Divisibility by 8: If the last three digits of a number are divisible by 8, then the number is divisible by 8. Here, last three
digits 58N are divisible by 8 if N = 4 because 584 is divisible by 11. Therefore, (M + 9 + 4 + 4 + 8) - (3 + 0 + 8 + 5 + N) = (M + 5) should be divisible by 11; this condition is satisfied
when M = 6. 294. Anita had to do a multiplication. Instead of taking 35 as one of the multipliers, she took 53. As a result, the product went up by 540. What is the new product? SHOW ANSWER Correct Ans:1590 Explanation: Let the number that Anita wanted to multiply be x. She was expected to find the value of 35x. Instead, she found the value of
53x. The difference between the value that she got (53x) and what she was expected to get (35x) is 540. i.e., 53x - 35x = 540 = x = 30 Therefore, the n N is divisible by SHOW ANSWER Correct Ans: 2x - 35x = 540 = x = 30 Therefore, the correct product 2x - 35x = 540 = x = 30 Therefore, the n N is divisible by SHOW ANSWER Correct Ans: 2x - 35x = 540 = x = 30 Therefore, the correct product 2x - 35x = 540 = x = 30 Therefore, the n N is divisible by SHOW ANSWER Correct Ans: 2x - 35x = 540 = x = 30 Therefore, the correct product 2x - 35x = 35x = 30
Test of divisibility by 3: Sum of the digits will be divisible by 4 if a number is divisible by 4. Test of divisible by 4. Test of divisible by 4 if a number is divisible by 4. Test of divisible by 5: The unit's digit is either 5 or 0. 99960 is the only is divisible by 4. Test of divisible by 3. Test of divisible by 4. Test of divisible by 
number which is divisible by 3, 4, 5 and 7. 297. When a number is divided by 36, it leaves a remainder of 19. What will be the remainder of 19. When 'a' is divided by 36, let the quotient be 'q' and we know the remainder is 19. i.e., and remainder is 19 or a subject to the number be 'a'.
= 36q + 19 when 'a' is divided by 12, we get or .36q is divisible by 12. Therefore, remainder = 7.298. Evaluate: 1.002 \times 1.002
(1.002+0.998)3 = 23 = 8\ 299. If 1/8\ of 2/3\ of 4/5\ of a number is 12. Find the number. SHOW ANSWER Correct Ans:180 Explanation: We know that if a + b + c = 0
then a3+ b3+ c3 = 3 x a x b x c 553 + 173 ï&\frac{1}{2} 723= 3 x 55 x 17 x 72, it is clear that the answer is not a multiple of 13 or 7. Are you seeking for good platform for practicing Number System questions in online. This is the right place. The time you spent in Fresherslive will be the most beneficial one for you. This page provides important questions on
Number System along with correct answers and clear explanation, which will be very useful for various Interviews, Competitive examinations and Entrance tests. Here, Most of the Number System Online Test
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Future. Page 16Number System Questions: Solved 444 Number System Questions and answers section with detailed description, explanation will help you to master the topic. 301. The integers 32489 and 33714, when
divided by a three digit number "n", leave the same remainder. What is the value of "n"? SHOW ANSWER Correct Ans: 245 Explanation: Given two numbers 32489 = qn + r and 33714 = pn + r, Where p and q are some integers. Subtracting these two
equations, we get 1225 = (p-q) x n. We can write 1225 as 5 x 245. Hence 245 is the answer. 302. Find the number of factors of 360 SHOW ANSWER Correct Ans:24 Explanation: Prime factorization of 360 = 2^3 x 3^2 x 5^1 Number of factors of 360 SHOW ANSWER Correct Ans:24 Explanation: Prime factorization of 360 = 2^3 x 3^2 x 5^1 Number of factors of 360 SHOW ANSWER Correct Ans:24 Explanation: Prime factorization of 360 = 2^3 x 3^2 x 5^1 Number of factors of 360 SHOW ANSWER Correct Ans:24 Explanation: Prime factorization of 360 = 2^3 x 3^2 x 5^1 Number of factors of 360 SHOW ANSWER Correct Ans:24 Explanation: Prime factorization of 360 SHOW ANSWER Correct Ans:24 Explanation: Prime factorization of 360 SHOW ANSWER Correct Ans:24 Explanation: Prime factorization of 360 SHOW ANSWER Correct Ans:24 Explanation: Prime factorization of 360 SHOW ANSWER Correct Ans:24 Explanation: Prime factorization of 360 SHOW ANSWER Correct Ans:24 Explanation: Prime factorization of 360 SHOW ANSWER Correct Ans:24 Explanation: Prime factorization of 360 SHOW ANSWER Correct Ans:24 Explanation: Prime factorization of 360 SHOW ANSWER Correct Ans:24 Explanation: Prime factorization of 360 SHOW ANSWER Correct Ans:24 Explanation: Prime factorization of 360 SHOW ANSWER Correct Ans:24 Explanation: Prime factorization of 360 SHOW ANSWER Correct Ans:24 Explanation of 360 SHOW ANSWER Correct Answer Correct Answer Correct
Correct Ans: 20,100 Explanation: Sum of first 200 natural numbers = 1+2+3+...+200 = 200 \times (201/2) = 201*100 = 20,100 304. The sum of the digits of a 3 – digit number is subtracted from the number. The resulting number is always
                                                                                                                                                                                                                                                                                                                                                      . SHOW ANSWER Correct Ans:Divisible by 9 Explanation: Let the three digit number be xyz, then xyz =
100x + 10y + z. Sum of all the digits is x + y + z. Subtracting the sum of the digits from 100x + 10y + z, we get 100x + 10y + z. Subtracting number of 5 digits which is exactly divisible by 265. SHOW ANSWER Correct Ans:99055905. Find the greatest number of 5 digits which is exactly divisible by 265. SHOW ANSWER Correct Ans:99055905.
Explanation: Greatest number of 5 digits is 99,999. If we divide this number 265, we get quotient 377 and remainder 36 and the value of the quotient is 11.
Find the number. SHOW ANSWER Correct Ans: 2412 Explanation: Number = Divisor x Quotient + Remainder is 420. Find the divisor. SHOW ANSWER Correct Ans: 3312 Explanation: Divisor = (Dividend - Remainder) / Quotient
Divisor = (225636 - 420)/68 = 3312308. Evaluate: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER Correct Ans: 432 \times 637 + 363 \times 432 = ? SHOW ANSWER CORRECT ANSWER 
                                                                                                                                         SHOW ANSWER Correct Ans: 1 Explanation: The number 2^99 = 8^33 When we divided 8 by 7, the remainder is 1, 8 to the power any number we divide the result by 7, the remainder is always 1. (You can try this, for example 82 = 64, divide 64 by 7
multiple of 4, the unit digit will be 1. 310. The remainder obtained when 2^99 is divided by 7 is
                                                                                                                                         SHOW ANSWER Correct Ans:16 Explanation: The number of factors will be (3+1) x (1+1) = 4 x 2 x 2 = 16 Hence there are 16 factors. 312. Find the HCF of 59, 14? SHOW ANSWER Correct Ans:1 Explanation: The fastest way to find the
correct answer is by elimination rule: Check whether each of the given choices divides both the numbers. If any of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both given numbers. Please Note: There may be a
scenario when two or more numbers in the choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers. 313. Find the LCM of 42, 30? SHOW ANSWER Correct answer is by elimination rule: Check whether each of the given choices is divisible by
both the numbers. If any choice doesn't get divided by both the numbers and move to the next number. Answer will be exactly divisible by both the numbers, then you can eliminate that is exactly divisible by both the numbers. Please Note:
in that case, please choose the lowest among the numbers. 314. What number should come next ?173, 196, 219, 242Consequtive numbers increases by 23Following this pattern, the Missing Number should increase by 23 from the previous number. When we
add 23 to the last number (i.e 242) we get 242+23=265 315. What should come in place of in the below number series?173, 149, 125, 101,
                                                                                                                                                                                                              _ SHOW ANSWER Correct Ans:77 Explanation: The given series is -- 173, 149, 125, 101Consequtive numbers decreases by 24Following this pattern, the Missing Number should decrease by 24 from the
 numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Numbers in the choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers. 317.
Find the LCM of 42, 20? SHOW ANSWER Correct Ans: 420 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the numbers, then you can eliminate that particular choice and move to the next number. Answer
will be the Number that is exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. Please choose the lowest among the numbers. 318. In the below given sequence, what should be the next number? 173, 195, 217, 239,
SHOW ANSWER Correct Ans: 261 Explanation: The given series is -- 173, 195, 217, 239Consequtive numbers increases by 22 from the previous number (i.e 239) we get 239+22=261 319. Output of a particular program follows the below pattern. Can
                                                                         SHOW ANSWER Correct Ans:85 Explanation: The given series is -- 173, 151, 129, 107Consequtive numbers decrease by 22 from the previous number. When we subract 22 to the last number (i.e. 107) we get 107-22 = 85 320. Find
the HCF of 59, 10? SHOW ANSWER Correct Ans:1 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be
the HIGHEST Number that exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers. Are you seeking for good platform for practicing Number System questions in online. This is the right place
The time you spent in Fresherslive will be the most beneficial one for you. This page provides important questions on Number System along with correct answers and clear explanation, which will be very useful for various Interviews, Competitive examinations and Entrance tests. Here, Most of the Number System questions are framed with Latest
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opportunity to improve yourself. Take it and make use of it to the fullest. GOODLUCK for Your Bright Future. Page 17Number System Questions and answers section with detailed
description, explanation will help you to master the topic. 321. Find the LCM of 42, 24? SHOW ANSWER Correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers, then you can
eliminate that particular choice and move to the next number. Answer will be the Number that is exactly divisible by both given numbers, in that case, please choose the lowest among the numbers. 322. A Computer program
gave the following output. Can you predict the next number should increase by 15Following this pattern, the Missing Number should increase by 15 from the previous
number. When we add 15 to the last number (i.e 218) we get 218+15=233 323. A professor wrote the below series in class room. He wants his students to find the next number. Can you solve it for the professor?173, 152, 131, 110,
decreases by 21Following this pattern, the Missing Number should decrease by 21 from the previous number. When we subract 21 to the last number (i.e 110) we get 110-21=89 324. Find the HCF of 59, 8? SHOW ANSWER Correct Ans:1 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given
both the numbers, in that case, please choose the Highest among the numbers. 325. Find the LCM of 42, 7? SHOW ANSWER Correct Ans:42 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers, and the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers, and the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers, and the correct answer is by elimination rule.
then you can eliminate that particular choice and move to the next numbers. Answer will be the Numbers in the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the numbers. 326. Below
                                                                                                                                 SHOW ANSWER Correct Ans:249 Explanation: The given series is -- 173, 192, 211, 230Consequtive numbers increases by 19Following this pattern, the Missing Number should increase by 19 from the previous number. When we add 19 to the last number (i.e.
                                                                                                                                                   SHOW ANSWER Correct Ans:97 Explanation: The given series is -- 173, 154, 135, 116Consequtive numbers decreases by 19Following this pattern, the Missing Number should decrease by 19 from the previous number. When we subract 19 to
the last number (i.e 116) we get 116-19= 97 328. Find the HCF of 59, 6? SHOW ANSWER Correct Ans:1 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers, then you can eliminate that particular
choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both given numbers, in that case, please choose the Highest among the numbers. 329. Find the LCM of 42, 5? SHOW ANSWER Correct
Ans:210 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Number that is exactly divisble by both
given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. 230. Fifth number is missing in the below series. Can you find the fifth number in the below series? 173, 190, 207, 224,
Correct Ans: 241 Explanation: The given series is -- 173, 190, 207, 224 Consequtive number in the below series 173, 158, 143, 128
        SHOW ANSWER Correct Ans:113 Explanation: The given series is -- 173, 158, 143, 128 Consequtive number should decrease by 15 from the previous number. When we subract 15 to the last number (i.e. 128) we get 128--15=113 332. Find the HCF of 59, 22? SHOW ANSWER Correct Ans:110 Explanation: The given series is -- 173, 158, 143, 128 Consequtive number should decrease by 15 from the previous number.
Ans:1 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both
given numbers. Please Note: There may be a scenario when two or more numbers, in that case, please choose the Highest among the numbers, in that case, please choose the Highest among the numbers, in that case, please choose the Highest among the numbers. 333. Find the LCM of 42, 3? SHOW ANSWER Correct Ans:42 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether
each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate that particular choice and move to the numbers. Please Note: There may be a scenario when two or more numbers in the choice will be
exactly divisible by both the numbers, in that case, please choose the lowest among the number is missing in the below series. Can you find the Fourth number is missing in the below series 234. Fourth number is missing in the below series 234. Fourth number is missing in the below series.
increases by 23Following this pattern, the Missing Number X should increase by 23 from the previous number. When we add 23 to the number before X (i.e 179) we get 179+23=202 335. Find the HCF of 12, 14? SHOW ANSWER Correct Ans:2 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the
given choices divides both the numbers. If any of the given choice and move to the numbers in the choice and move to the numbers in the choice will exactly
divide both the numbers, in that case, please choose the Highest among the numbers. 336. Find the LCM of 25, 30? SHOW ANSWER Correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the
numbers, then you can eliminate that particular choice and move to the next number. Answer will be exactly divisible by both the numbers, in that case, please choose the lowest among the numbers. 337
Can you find the the missing number in the below series 133, 106, 79, X, 25, -2 SHOW ANSWER Correct Ans:52 Explanation: The given series is -- 133, 106, 79, X, 25, -2 Consequtive numbers decreases by 27 from the previous number. When we subract 27 to the number before X (i.e.
79) we get 79--27=52 338. Find the HCF of 12, 120? SHOW ANSWER Correct Ans:12 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers, then you can eliminate that particular choice and move to
the next choice. Answer will be the HIGHEST Number that exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers. Please Note: There may be a scenario when two or more numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divides both the numbers.
Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choice and move to the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Number that is exactly divisble by both given
numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the numbers in the the below series 133, 160, 187, X, 241, 268 SHOW ANSWER Correct Ans:214 Explanation: The given series is -- 133,
160, 187, X, 241, 268 Consequtive number System questions in creases by 27 Following this pattern, the Missing Number X should increase by 27 from the previous number. When we add 27 to the number before X (i.e 187) we get 187+27=214 Are you seeking for good platform for practicing Number System questions in online. This is the right place. The time you
spent in Fresherslive will be the most beneficial one for you. This page provides important questions on Number System along with correct answers and clear explanation, which will be very useful for various Interviews, Competitive examinations and Entrance tests. Here, Most of the Number System questions are framed with Latest concepts, so that
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opportunity to improve yourself. Take it and make use of it to the fullest. GOODLUCK for Your Bright Future. Page 18Number System Questions section with detailed
description, explanation will help you to master the topic. 341. Find the HCF of 12, 10? SHOW ANSWER Correct answer is by elimination rule: Check whether each of the given choices divides both the numbers. If any of the given choices doesn't divide both the numbers, then you can eliminate
that particular choice and move to the next choice. Answer will be the HIGHEST Numbers in the choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers. 342. Find the LCM of 25, 24? SHOW
ANSWER Correct Ans:600 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Number that is
exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the number should come in place of the missing Number?117, 148, 179, X, 241, 272 SHOW ANSWER Correct
Ans:210 Explanation: The given series is -- 117, 148, 179, X, 241, 272Consequtive number S increases by 31 from the previous number X should increase by 31 from the previous number X should increase by 31 from the previous number X should increase by 31 from the previous number S increases by 31 from the previous number X should increase by 31 from the previous number S increases by 31 from the previous numbe
fastest way to find the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers. If any of the given choices doesn't divide both the numbers that exactly divides both given numbers. Please
Note: There may be a scenario when two or more numbers, in the LCM of 25, 7? SHOW ANSWER Correct Ans:175 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given
choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers and move to the next number. Answer will be exactly divisible by both given numbers. If any choice and move to the next number and move to the next number. Answer will be exactly divisible by both the numbers.
by both the numbers, in that case, please choose the lowest among the numbers. 346. What should come in place of X in the below number series is 117, 88, 59, X, 1, -28 Consequtive numbers decreases by 29 Following this pattern, the Missing Number X should
 doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divide both the numbers, in that case, please choose the Highest
the next number. Answer will be the Number that is exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both given numbers.
find the Missing number? 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 175, X, 233, 262 SHOW ANSWER Correct Ans:204 Explanation: The given series is -- 117, 146, 147, 147,
175+29=204 350. Find the HCF of 12, 22? SHOW ANSWER Correct Ans: 2 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next
choice. Answer will be the HIGHEST Numbers and the numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divides both the numbers. There may be a scenario when two or more numbers in the choice will exactly divides both given numbers. There may be a scenario when two or more numbers in the choice will exactly divides both the numbers. There may be a scenario when two or more numbers in the choice will exactly divides both the numbers.
fastest way to find the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers. If any choice and move to the next number. Answer will be the Number that is exactly divisble by both given numbers. Please
Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the numbers. 352. In the below given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW ANSWER Correct Ans:42 Explanation: The given series is -- 117, 92, 67, X, 17, -8 SHOW A
67, X, 17, -8Consequtive numbers decrease by 25 from the previous number X should decrease by 25 from the previous number X should decrease by 25 from the previous number. When we subract 25 to the number before X (i.e 67) we get 67--25=42 353. Find the HCF of 19, 14? SHOW ANSWER Correct Ans:1 Explanation: The fastest way to find the correct answer is by
elimination rule: Check whether each of the given choices divides both the numbers. If any of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both given numbers. Please Note: There may be a scenario when two or
more numbers in the choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers. 354. Find the LCM of 41, 30? SHOW ANSWER Correct Ans:1230 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices is divisible by both the numbers. If any
choice doesn't get divided by both the numbers, then you can eliminate that particular choice and move to the next numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers, in that case, please
Missing Number X should increase by 25 from the previous number. When we add 25 to the number before X (i.e 167) we get 167+25=192 356. Find the Correct answer is by elimination rule: Check whether each of the given choices divides both the numbers. If
any of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice will exactly divide both the numbers, in that case, please
choice and move to the next number. Answer will be the Number that is exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both given numbers. There may be a scenario when two or more numbers. There may be a scenario when two or more numbers in the choice will be exactly divisible by both given numbers.
class room. He wants his students to find the Missing number. Can you solve it ?117, 96, 75, X, 33, 12 SHOW ANSWER Correct Ans:54 Explanation: The given series is -- 117, 96, 75, X, 33, 12 Consequtive numbers decreases by 21 from the previous number. When we subract 21 to
the number before X (i.e 75) we get 75--21=54 359. Find the HCF of 19, 10? SHOW ANSWER Correct Ans:1 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers. If any of the given choices doesn't divide both the numbers, then you can eliminate that
particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both given numbers, in that case, please choose the Highest among the numbers. 360. Find the LCM of 41, 24? SHOW
ANSWER Correct Ans:984 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Number that is
exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers, in that case, please choose the lowest among the numbers. Are you seeking for good platform for practicing Number System questions in online. This is the right place. The time you
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clear understanding of Number System, exercise these advanced Number System questions with answers. You're Welcome to use the Fresherslive Online Test and create yourself a successful one. Fresherslive provides you a new
opportunity to improve yourself. Take it and make use of it to the fullest. GOODLUCK for Your Bright Future. Page 19Number System Questions section with detailed
description, explanation will help you to master the topic. 361. Below Numbers follow a particular pattern. Can you find the Missing number in the below pattern? 117, 138, 159, X, 201, 222 SHOW ANSWER Correct Ans:180 Explanation: The given series is -- 117, 138, 159, X, 201, 222 SHOW ANSWER Correct Ans:180 Explanation will help you to master the topic.
Missing Number X should increase by 21 from the previous number. When we add 21 to the number before X (i.e 159) we get 159+21=180 362. Find the Correct answer is by elimination rule: Check whether each of the given choices divides both the numbers. If
any of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice will exactly divide both the numbers, in that case, please
 choose the Highest among the numbers. 363. Find the LCM of 41, 7? SHOW ANSWER Correct Ans:287 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate the correct answer is by elimination rule.
choice and move to the next number. Answer will be the Number that is exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. Answer will be exactly divisible by both the numbers. There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers.
number? 117, 94, 71, X, 25, 2 SHOW ANSWER Correct Ans:48 Explanation: The given series is -- 117, 94, 71, X, 25, 2 Consequtive number & decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern, the Missing Number X should decrease by 23 Following this pattern and the Missing Number X should decrease by 23 Following this pattern and the Missing Number X should decrease by 23 Following this pattern and the Missing Number X should decrease by 24 Following this pattern and the Missing Number X should decrease by 25 Following this pattern and the Missing Number X should decrease by 25 Following this pattern and the Missing Number X should decrease by 25 Following this pattern and the Missing Number X should decrease by 25 Following this pattern and the Missing Number X should decrease by 25 Following this pattern and the Missing Number X should decrease by 25 Following this pattern and the Missing Number X should decr
6? SHOW ANSWER Correct Ans:1 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices doesn't divide both the numbers. If any of the given choices doesn't divide both the numbers. If any of the given choices doesn't divide both the numbers.
Number that exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers. 366. Find the LCM of 41, 5? SHOW ANSWER Correct Ans:205 Explanation: The fastest way to find the correct answer is
by elimination rule: Check whether each of the given choice is divisble by both the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Number that is exactly divisble by both given numbers. Please Note: There may be a scenario when two or
more numbers in the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the number in the below series ?117, 140, 163, X, 209, 232 SHOW ANSWER Correct Ans:186 Explanation: The given series is -- 117, 140, 163, X
, 209, 232Consequtive numbers increase by 23Following this pattern, the Missing Number X should increase by 23 from the previous number. When we add 23 to the number before X (i.e 163) we get 163+23=186 368. Find the HCF of 19, 22? SHOW ANSWER Correct Ans:1 Explanation: The fastest way to find the correct answer is by elimination
rule: Check whether each of the given choices divides both the numbers. If any of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both given numbers. Please Note: There may be a scenario when two or more
numbers in the choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers. 369. Find the LCM of 41, 3? SHOW ANSWER Correct Ans:123 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices is divisible by both the numbers. If any choice
doesn't get divided by both the numbers, then you can eliminate that particular choice and move to the next numbers in the choice will be exactly divisible by both the numbers, in that case, please choose the
lowest among the numbers. 370. Can you find the the missing number in the below series 117, 90, 63, X, 9, -18 SHOW ANSWER Correct Ans:36 Explanation: The given series is -- 117, 90, 63, X, 9, -18 Consequtive numbers decreases by 27 from the previous number. When we subract
27 to the number before X (i.e 63) we get 63--27=36 371. Find the HCF of 36, 14? SHOW ANSWER Correct answer is by elimination rule: Check whether each of the given choices divides both the numbers. If any of the given choices doesn't divide both the numbers, then you can eliminate that
particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both given numbers, in that case, please choose the Highest among the numbers. 372. Find the LCM of 37, 30? SHOW
ANSWER Correct Ans:1110 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Number that is
exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers.
Explanation: The given series is -- 117, 144, 171, X, 225, 252Consequtive numbers increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase by 27 from the previous number X should increase a number X should increase a number X should
fastest way to find the correct answer is by elimination rule: Check whether each of the given choices doesn't divide both the numbers. If any of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both given numbers. Please
Note: There may be a scenario when two or more numbers, in that case, please choose the Highest among the numbers. 375. Find the LCM of 37, 20? SHOW ANSWER Correct Ans:740 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given
choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate that is exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible
by both the numbers, in that case, please choose the lowest among the numbers and the numbers are increases by 31Following this pattern, the Missing Number ?112, 143, 174, X, 236, 267 Consequtive numbers increases by 31Following this pattern, the Missing Number ?112, 143, 174, X, 236, 267 Consequtive numbers increases by 31Following this pattern, the Missing Number ?112, 143, 174, X, 236, 267 Consequtive numbers increases by 31Following this pattern, the Missing Number ?112, 143, 174, X, 236, 267 Consequtive numbers increases by 31Following this pattern, the Missing Number ?112, 143, 174, X, 236, 267 Consequtive numbers increases by 31Following this pattern, the Missing Number ?112, 143, 174, X, 236, 267 Consequtive numbers increases by 31Following this pattern, the Missing Number ?112, 143, 174, X, 236, 267 Consequitive numbers increases by 31Following this pattern, the Missing Number ?112, 143, 174, X, 236, 267 Consequitive numbers increases by 31Following this pattern, the Missing Number ?112, 143, 174, X, 236, 267 Consequitive numbers increases are not pattern.
Number X should increase by 31 from the previous number. When we add 31 to the number before X (i.e 174) we get 174+31=205 377. Find the HCF of 36, 10? SHOW ANSWER Correct Ans:2 Explanation: The fastest way to find the correct answer is by elimination rule:
given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice will exactly divide both the numbers, in that case, please choose the
Highest among the numbers. 378. Find the LCM of 37, 24? SHOW ANSWER Correct Ans:888 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate that particular choice and
move to the next number. Answer will be the Number that is exactly divisible by both qiven numbers, in that case, please choose the lowest among the numbers. 379. What should come in place of X in the below number
series?112, 83, 54, X, -4, -33 SHOW ANSWER Correct Ans:25 Explanation: The given series is -- 112, 83, 54, X, -4, -33 Consequtive number & decrease by 29 from the previous number. When we subract 29 to the number before X (i.e. 54) we get 54-29=25 380. Find the HCF of 36, 8?
SHOW ANSWER Correct Ans:4 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Number
that exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers. Are you seeking for good platform for practicing Number System questions in online. This is the right place. The time you spent in
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yourself. Take it and make use of it to the fullest. GOODLUCK for Your Bright Future. Page 20Number System Questions and answers section with detailed description, explanation
will help you to master the topic. 381. Find the LCM of 37, 7? SHOW ANSWER Correct Ans:259 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the quiven choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate that particular choices is divisble by both the numbers.
and move to the next number. Answer will be the Number that is exactly divisible by both given numbers in the choice will be exactly divisible by both the numbers. There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers.
pattern. Can you find the Missing number? 112, 141, 170, X, 228, 257 SHOW ANSWER Correct Ans:199 Explanation: The given series is -- 112, 141, 170, X, 228, 257 Consequtive number. When we add 29 to the number before X (i.e. 170)
we get 170+29=199 383. Find the HCF of 36, 6? SHOW ANSWER Correct Ans:6 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers, then you can eliminate that particular choice and move to the
next choice. Answer will be the HIGHEST Number that exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers.
fastest way to find the correct answer is by elimination rule: Check whether each of the given choice and move to the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Number that is exactly divisible by both given numbers. Please
Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the numbers. 385. In the below given series is -- 112, 87, 62, X, 12, -13 SHOW ANSWER Correct Ans: 37 Explanation: The given series is -- 112, 87, 62, X, 12, -13 SHOW ANSWER Correct Ans: 37 Explanation: The given series is -- 112, 87, 62, X, 12, -13 SHOW ANSWER Correct Ans: 37 Explanation: The given series is -- 112, 87, 62, X, 12, -13 SHOW ANSWER Correct Ans: 37 Explanation: The given series is -- 112, 87, 62, X, 12, -13 SHOW ANSWER Correct Ans: 37 Explanation: The given series is -- 112, 87, 62, X, 12, -13 SHOW ANSWER Correct Ans: 37 Explanation: The given series is -- 112, 87, 62, X, 12, -13 SHOW ANSWER Correct Ans: 37 Explanation: The given series is -- 112, 87, 62, X, 12, -13 SHOW ANSWER Correct Ans: 38 Explanation: The given series is -- 112, 87, 62, X, 12, -13 SHOW ANSWER Correct Ans: 38 Explanation: The given series is -- 112, 87, 62, X, 12, -13 SHOW ANSWER Correct Ans: 38 Explanation: The given series is -- 112, 87, 62, X, 12, -13 SHOW ANSWER Correct Ans: 38 Explanation: The given series is -- 112, 87, 62, X, 12, -13 SHOW ANSWER Correct Ans: 38 Explanation: The given series is -- 112, 87, 62, X, 12, -13 SHOW ANSWER Correct Ans: 38 Explanation: 38 Explana
62, X, 12, -13Consequtive numbers decrease by 25Following this pattern, the Missing Number X should decrease by 25 from the previous number. When we subract 25 to the number before X (i.e. 62) we get 62-25=37 386. Find the HCF of 36, 22? SHOW ANSWER Correct Ans:2 Explanation: The fastest way to find the correct answer is by
elimination rule: Check whether each of the given choices divides both the numbers. If any of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both given numbers. Please Note: There may be a scenario when two or
more numbers in the choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers. 387. Find the LCM of 37, 3? SHOW ANSWER Correct Ans:111 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices is divisible by both the numbers. If any
choice doesn't get divided by both the numbers, then you can eliminate that particular choice and move to the next numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers, in that case, please
choose the lowest among the numbers. 388. A Computer program gave the following output. Can you predict the Missing number in the computer output? 112, 137, 162, X, 212, 237 Consequtive numbers increases by 25Following this pattern, the Missing
Number X should increase by 25 from the previous number. When we add 25 to the number before X (i.e 162) we get 162+25=187 389. Find the HCF of 32, 14? SHOW ANSWER Correct answer is by elimination rule: Check whether each of the given choices divides both the numbers. If any of the
given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice will exactly divide both the numbers, in that case, please choose the
Highest among the numbers. 390. Find the LCM of 31, 30? SHOW ANSWER Correct Ans:930 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate that particular choice and
move to the next number. Answer will be the Number that is exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. Please Note: There may be a scenario when two or more numbers. Please Note: There may be a scenario when two or more numbers. Please Note: There may be a scenario when two or more numbers.
He wants his students to find the Missing number. Can you solve it? 112, 91, 70, X, 28, 7 SHOW ANSWER Correct Ans:49 Explanation: The given series is -- 112, 91, 70, X, 28, 7 Consequtive numbers decreases by 21 from the previous number. When we subract 21 to the number
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before X (i.e 70) we get 70-21 = 49 392. Find the HCF of 32, 12? SHOW ANSWER Correct answer is by elimination rule: Check whether each of the given choices divides both the numbers, then you can eliminate that particular choices
and move to the next choice. Answer will be the HIGHEST Numbers in that case, please choose the Highest among the numbers. 393. Find the LCM of 31, 20? SHOW ANSWER Correct Ans:620
Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choice and move to the next numbers. If any choice doesn't get divided by both the numbers, then you can eliminate that particular choice and move to the next number. Answer will be the Number that is exactly divisble by both given
numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the numbers are numbers. Please choose the lowest among the numbers are numbers. Please choose the lowest among the numbers are numbers. Please choose the lowest among the numbers are numbers. Please choose the lowest among the numbers are numbers. Please choose the lowest among the numbers. Please choose the numbers are not please choose the numbers. Please choose the numbers are not please choose the numbers. Please choose the numbers are not please the numbers. Please choose the numbers are not please choose the numbers. Please choose the numbers are not please choose the numbers. Please choose the numbers are not please choose the numbers. Please choose the numbers are not please choose the numbers. Please choose the numbers are not please choose the numbers are not please choose the numbers. Please choose the numbers are not please choose the numbers are not please choose the numbers. Please choose the numbers are not please choose the numbers are not please choose the numbers. Please choose the numbers are not p
Correct Ans:175 Explanation: The given series is -- 112, 133, 154, X, 196, 217Consequtive numbers increases by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous number X should increase by 21 from the previous num
Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice. Answer will be the HIGHEST Number that exactly divides both given choices divides both the numbers.
numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers, in that case, please choose the Highest among the numbers are numbers in the choice will exactly divide both the numbers. 396. Find the LCM of 31, 24? SHOW ANSWER Correct Ans:744 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether
each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the numbers that is exactly divisble by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be
exactly divisible by both the numbers, in that case, please choose the lowest among the numbers among the numbers. 397. In the given series, can you find the Missing number? 112, 89, 66, X, 20, -3 Consegutive numbers decreases by 23Following this pattern, the Missing Number
X should decrease by 23 from the previous number. When we subract 23 to the number before X (i.e 66) we get 66-23=43 398. Find the HCF of 32, 8? SHOW ANSWER Correct Ans:8 Explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the given choices divides both the numbers. If any of the given
choices doesn't divide both the numbers, then you can eliminate that particular choice and move to the next choice will exactly divide both the numbers, in that case, please choose the
Highest among the numbers. 399. Find the LCM of 31, 7? SHOW ANSWER Correct answer is by elimination rule: Check whether each of the given choice is divisble by both the numbers. If any choice doesn't get divided by both the numbers, then you can eliminate that particular choice and
move to the next number. Answer will be the Number that is exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both given numbers.
the Fourth number in the below series ?112, 135, 158, X, 204, 227 SHOW ANSWER Correct Ans:181 Explanation: The given series is -- 112, 135, 158, X, 204, 227Consequtive numbers increases by 23 from the previous number. When we add 23 to the number before X (i.e 158) we
get 158+23=181 Are you seeking for good platform for practicing Number System questions on Number System along with correct answers and clear explanation, which will be very useful for various
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various online exam preparation, various interviews, Aptitude Category online test. Category Questions section with detailed description, explanation: The fastest way to find the correct answer is by elimination rule: Check whether each of the
given choices divides both the numbers. If any of the given choices doesn't divide both the numbers in the choice will exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly
divide both the numbers, in that case, please choose the Highest among the numbers. 402. Find the LCM of 31, 5? SHOW ANSWER Correct answer is by elimination rule: Check whether each of the given choices is divisble by both the numbers. If any choice doesn't get divided by both the
numbers, then you can eliminate that particular choice and move to the next number. Answer will be exactly divisible by both the numbers, in that case, please choose the lowest among the numbers. 403
Can you find the the missing number in the below series 112, 85, 58, X, 4, -23 SHOW ANSWER Correct Ans:31 Explanation: The given series is -- 112, 85, 58, X, 4, -23 Consequtive numbers decreases by 27 Following this pattern, the Missing Number X should decrease by 27 from the previous number. When we subract 27 to the number before X (i.e.
58) we get 58-27=31 404. Find the HCF of 32, 22? SHOW ANSWER Correct answer is by elimination rule: Check whether each of the given choices divide both the numbers, then you can eliminate that particular choice and move to
the next choice. Answer will be the HIGHEST Number that exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divides both given numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both the numbers. Please Note: There may be a scenario when two or more numbers in the choice will exactly divide both given numbers.
The fastest way to find the correct answer is by elimination rule: Check whether each of the numbers. If any choice doesn't get divided by both the numbers. If any choice doesn't get divided by both the numbers. Please
Note: There may be a scenario when two or more numbers in the choice will be exactly divisible by both the numbers, in that case, please choose the lowest among the numbers in the the below series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 247 SHOW ANSWER Correct Ans:193 Explanation: The given series is -- 112, 139, 166, X, 220, 
247 Consequtive numbers increases by 27 Following this pattern, the Missing Number X should increase by 27 from the previous number. When we add 27 to the number a scriber increases by 27 Following this pattern, the Missing Number X should increase by 27 from the previous number. When we add 27 to the number a scriber increases by 27 from the previous number and 27 to the number a scriber increase by 27 from the previous number.
Product of two consecutive natural number = 3 x 4 = 12 Fourth number = 2 x 3 = 6 Third number = 2 x 3 = 6 Third number = 3 x 4 = 12 Fourth number = 2 x 3 = 6 Third number = 3 x 4 = 12 Fourth number = 3 x 4 = 12
  120, 143, 168, ... First number (99) is 10 x 10 - 1 Second number (120) is 11 x 11 - 1 Third number (143) is 12 x 12 - 1 Fourth number shoud come next? 2, 3, 5, 7, 11, ? SHOW ANSWER Correct Ans:13 Explanation: Solution is 2, 3, 5, 7, 11 Prime numbers
written in the order Answer is 13 411. What number (1023, 1088, 1155, 1224, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Solution is: Given series is 1023, 1088, 1155, 1224, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Solution is: Given series is 1023, 1088, 1155, 1224, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Solution is: Given series is 1023, 1088, 1155, 1224, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Solution is: Given series is 1023, 1088, 1155, 1224, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Solution is: Given series is 1023, 1088, 1155, 1224, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Solution is: Given series is 1023, 1088, 1155, 1224, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Solution is: Given series is: 1023, 1088, 1155, 1224, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Solution is: Given series is: 1023, 1088, 1155, 1224, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Solution is: Given series is: 1023, 1088, 1155, 1224, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Solution is: Given series is: 1023, 1088, 1155, 1224, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Solution is: Given series is: 1023, 1088, 1155, 1224, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Solution is: Given series is: 1023, 1088, 1155, 1224, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Solution is: Given series is: 1023, 1024, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Solution is: Given series is: 1023, 1024, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Solution is: Given series is: 1023, 1024, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Solution is: Given series is: 1023, 1024, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Solution is: Given series is: 1023, 1024, ... ? SHOW ANSWER Correct Ans:1295 Explanation: Show Answer Correct Ans:1295 Explanation: Show Answer Correct Ans:1295 Explanation: Show Answer Correct 
number has to be 36 x 36-1 = 1295 Answer is 1295 412. Find the missing term: 0, 2, 6, 12, 20, 30, ? SHOW ANSWER Correct Ans: 42 Explanation: Solution is: Given 0, 2, 6, 12, 20, 30 First number (20) is: 52- 5, Sixth number (30) is: 62- 6
The next term has to be 72-7=49-7=42-13. Find the next number (2) = 12+1, Second number (5) = 22+1, Third number (10) = 32+1, Fourth number (17) = 42+1, Missing number = (52+1)=25+1=26 So, Answer is 26414. What
comes next: 8, 15, 24, 35, ...? SHOW ANSWER Correct Ans: 48 Explanation: Solution is Given 8, 15, 24, 35, ... First number (35) is 6 \times 6 - 1 Next number has to be 7 \times 7 - 1 = 48 416. In the given series, can you find the Missing number? 106, 83, X
37, 14 SHOW ANSWER Correct Ans:60 Explanation: Solution is: The given series is 106, 83, X, 37, 14 Consecutive number we subract 23 to the number before X (i.e. 83) we get 83 - 23 = 60. 417. What number comes next: 99
120, 143, 168, ? SHOW ANSWER Correct Ans:195 Explanation: Solution is Given 99, 120, 143, 168 Logic is: First number is 12 x 12 - 1 = 143 Fourth number is 13 x 13 - 1 = 168 SoNext number has to 14 x 14 - 1 = 195 Answer is 195 418. What number comes next: 8, 15,
24, 35, ...? SHOW ANSWER Correct Ans: 48 Explanation: Solution is: Given 8, 15, 24, 35, ... First number is 3 \times 3-1, Second number is 4 \times 4-1, Third number is 5 \times 5-1, Fourth number is 6 \times 6-1 Next 
The above terms follow the pattern +6, -2, +6, -2, ... 11, 11+6=17, 17-2=15, 15 +6 = 21, 21-2=19 Now, 19+6 = 25 Hence the next term has to be 25 420. Find the NEXT term: 13, 18, 16, 21, 19, 24, ? SHOW ANSWER Correct Ans: 22 Explanation: Given 13, 18, 16, 21, 19, 24 The above terms follow the pattern +5, -2, +5, -2, +5, -2, +5, -2. Hence the
next term has to be 24-2 = 22 Are you seeking for good platform for practicing Number System questions in online. This is the right place. The time you spent in Fresherslive will be the most beneficial one for you. This page provides important questions on Number System along with correct answers and clear explanation, which will be very useful for
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explanation for various online exam preparation, various interviews, Aptitude Category online test. Category o
2 32 - 3 = 6 42 - 4 = 12 52 - 5 = 20 62 - 6 = 30 The next term has to be 72 - 7 = 42 Answer is 42 2 2 = 17 Third number is half of first number = 84 / 2 = 17 Third number is Second number + 1 = 87  Third number is half of first number is half of first number is 84 / 2 = 17 Third number is 84
number should come next? SHOW ANSWER Correct Ans:1/8 Explanation: Solution is Given: 2, 1, 1/4 Divide each number by 2 to get the next number, 2, 5, 10, 17, ? SHOW ANSWER Correct Ans:26 Explanation: Solution is: Given: 2, 5, 10, 17 =
12 +1, 22 + 1, 32 + 1, 42 + 1, 42 + 1, (52+1) So, Answer is 26 426. Find the next number, 2, 6, 12, 20, ? SHOW ANSWER Correct Ans:30 Explanation: Given: 2, 6, 12, 20 1 x 2, 2 x 3, 3 x 4, 4 x 5, (5 x 6) Answer is 30. Product of two consecutive natural numbers 427. If a quarter kg of potato costs 60 paisa, how many paisa will 200gm cost? SHOW ANSWER
Correct Ans:52 Explanation: Quarter kg = 250 grams Less weight, less price (direct proportion) 250 : x = 48 So 200 gm will cost 48 paisa 428. How much part of a day is 45 minutes = 3/4 of hour = 3/4 of an hour. An hour = 1/24 of day 3/4 of hour = 3/4 of hour = 3/4 of an hour. An hour = 3/4 of hou
day = 1/32 of the day 429. 2720 ? 2710 = 3k, then k = ? SHOW ANSWER Correct Ans:30 Explanation: 27^20 ? 27^10 = 3^k => 27^10 = 3^k => 3^30 = 3^k. 430. Five ? sixths of a number is 720. What will be 45 % of that number ? SHOW ANSWER Correct Ans:388.8 Explanation: Let the number be k Then 5k/6 = 720 => k =
19 x 19 x 9? k2=22 x 192 x 32 => k = 2 x 19 x 3 => k = 2 x 19 x 3 => k = 114 433. If the numerator of a fraction is increased by 300% and the denominator is increased by 100%, the resultant fraction be x/y. Numerator increased by 300% means, it is
quadrupled. Denominator increase by 100% means, it is doubled. New fraction is 4x/2y = 30/19 (writing in simple fraction)? 2x/y = 30/19 => x/y = 15/19 434. Which of the following number should be added to 28614 by 87, we have
the remainder = 78. That is 28614 = 87 x 328 + 78 Therefore, the required numbers is 16 and their difference is 2. Find the product of the two numbers sHOW ANSWER Correct Ans:63 Explanation: Let the two numbers be x and y Sum of the two numbers x + y=16 Difference of the two numbers.
x-y=2 Adding these two equation, we get 2x=18=>x=9 Subtracting these two equations are the equation of 2x=18=>x=9 Subtracting these two equations are the equation of 2x=18=>x=9 Subtracting these two equations are the equation of 2x=18=>x=9 Subtracting these two equations are the equation of 2x=18=>x=9 Subtracting these two equations are the equation of 2x=18=2x=18 Subtracting the equation of 2x=
(31 x 31)-1, Third number is (32 x 32) -1, Fourth number is (32 x 32) -1, Fourth number is (33 x 33) -1 The numbers are in the form of n2? 1 Next number has to 34 x 34-1 = 1155 437. What should come in place of the question mark (?) in the following number has to
be 47 + 48 = 95 438. If the product of two successive positive integers is 5328, which is the smallest integer? SHOW ANSWER Correct Ans: 5 Explanation: Let X be get 39 as remainder. On dividing the same number by 17, what will be the remainder? SHOW ANSWER Correct Ans: 5 Explanation: Let X be get 39 as remainder.
the number and y be the quotient. Then, X = 357 \times y + 39 = (17x21xy) + (17x2) + 5 = 17 \times (21y+2) + 5 So, required number = 5 440. Cube root of (941192) = ? SHOW ANSWER Correct Ans:98 Explanation: 98 x 98 x 98 = 941192 Are you seeking for good platform for practicing Number System questions in online. This is the right place. The time you
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opportunity to improve yourself. Take it and make use of it to the fullest. GOODLUCK for Your Bright Future. Page 23Number System Questions section with detailed
 description, explanation will help you to master the topic. 441. The difference between a two digits of the number obtained by interchanging two digits of two digit number? SHOW ANSWER Correct Ans:56 Explanation: Sum of the digits is 15
this can happen only when the digits are 7 and 8. The number is 87, interchanging digits we get 78, Difference between these two numbers = 9 Product of these two numbers. SHOW ANSWER Correct Ans:123 Explanation: We wil go from
the option. We will eliminate 133 and 139, since their product will exceed 16900. Now the tug of war is between 123 and 124. Now, observe, 122 x 124 = ....8, that is the resulting number ends with 8. Now you try for 127. (HINT: The consecutive even
number with 127 as average us 126 and 128). The two numbers are 122 and 124. Average is 123, 443. What is the least number to be added with 2016 to make it perfect square? SHOW ANSWER Correct Ans:9 Explanation: 452 = 2025, If we add 9 with 2016 to make it perfect square? SHOW ANSWER Correct Ans:9 Explanation: 452 = 2025, If we add 9 with 2016 to make it perfect square? SHOW ANSWER Correct Ans:9 Explanation: 452 = 2025, If we add 9 with 2016 to make it perfect square? SHOW ANSWER Correct Ans:9 Explanation: 452 = 2025, If we add 9 with 2016 to make it perfect square? SHOW ANSWER Correct Ans:9 Explanation: 452 = 2025, If we add 9 with 2016 to make it perfect square?
rows are formed. If the students are made to stand in the rows of 45, how many such rows can be formed? SHOW ANSWER Correct Ans:36 Explanation: Given number of students. Total number of students. Total number of students. Total number of students.
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