

- 1. SQRT (156.25) * SQRT (14.25) = 35 * X what is the value of X? X = 1.25
- 2. $A + 8450 \div 650 = 13 + A$. What is the value of A? A = 0
- 3. The sum of a number whose ? th is 45. What is the number? Ans: None
- 4. The sum of a 2 digit number is equal to the difference between them. Find how many such numbers are possible? Ans: 10
- 5. The sum of a 2 digit number is equal to twice the difference between them. Find how many such numbers are possible?
- 6. 1000.01 100.01 10.01 = X. what is X? X = 889.99
- 7. 0.25% of 10 10% of 0.25 = 25% of 100 100% of X. What is X? X = 25
- 8. One fifth of two third of a number is equal to 24. What is the number?
- 9. 100\$8 2\$39 = \$319. What is \$? \$ =None of these
- 10. Ajith and Ajay's age are in the ratio of 3:5. Two years hence, their age are in the ratio 7:11. What is Ajith's present age? Ajith's age = 12.
- 11. The length of a train is 200m and it crosses a platform of 75m in 15sec. Another train with a length of 180m which is on the opposite direction approaches it. How long it will take to cross the other?

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12. (X) – Square, % - Square root, # - Divide, * - Multiply, @ - addition and & - Subtraction. Find the value of (4)#4%4*4@4

13. Solve
$$30 - 0.05 *20 +10 \div 5 = ?$$

14. A circle of diameter 28 cm. If there is a rectangle of length 56 cm. What is the value of breadth whose areas are equal? Breadth = 44cm

15. A wheel rotates 18 revolutions in 4.5 sec. What are the revolutions of the wheel per minute? Revolutions = 240

16. Solve: 20% of 60% of a number is equal to 40% of 200. What is the number?

18. Series: 5 5 7.5 15 37.5 112.5 339.75 X

19. Trisha's monthly salary is 25% more than Krishna's salary but 25% less than Payal's salary. Krishna's annual income is Rs. 1, 20, 000. What is the monthly income of Payal?

20. There is a seven consecutive odd numbers. What is the number greater than 6 and it is smaller than 6?

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