

cbsemath.com in the service of student community

The No. 1 CBSE Mathematics website in the world

MM 20

Time 45 Min

1 Mark Each

1. Define linear equation in one variable.
2. Solution of a linear equation in one variable is _____
3. Solve for x: $5x + 23 = 48$
4. Solve for x: $\frac{x}{2.5} = 3.5$
5. Solve for x: $3x = 5x - \frac{-3}{2}$

2 Marks Each

6. Solve for x: $\frac{-x}{2} + \frac{-5}{3} = \frac{-4}{5} + \frac{x}{3}$
7. Solve for x: $\frac{2}{5}\left(x + \frac{3}{-5}\right) = -2x$

3 Marks Each

8. Solve for x: $x - \frac{x-3}{5} = 2 - \frac{9-x}{4}$
9. Shreya is twice as old as Anubhav. Three years ago she was thrice Anubhav's age. Find their present ages.
10. Two numbers are in ratio 4:3. If 5 is added to each, the ratio of the numbers changes to 5:4

6 Marks Each

11. The difference of digits of a two digit number is 3. If the number is added to the number formed by reversing the order of digits the sum is 165. Find the numbers.
12. A man has Rs 9000 in denominations in notes of Rs 500, Rs 100, Rs 20 in ratio 1:3:5. Find the number of notes of each type.

Also Visit

cbseprojectwork.com Get CBSE Maths Projects class X

and

Save paper, Save trees switch to EBooks visit **cbse.biz**

Mathematics X fundamental and Application course

For more information contact at devanoop@devanoop.com