



Octahedral classes, kharadi
2nd floor, yashwant plaza, near bank of India, kha

Class 08 - Mathematics

Linear equation

Maximum Marks: 25

Time Allowed: 1 hour and 30 minutes

Section A

1. Solve the following equation : $3x = 2x + 18$ 1
2. Solve the following equation : $6x = 12$ 1
3. Solve the following equation : $6 = z + 2$ 1
4. Solve the following equation : $x - 2 = 7$ 1
5. Find x 1
 - a. If $\frac{x}{3} = 60$
 - b. if $x - 3 = 4$
6. Solve the following equation : $14y - 8 = 13$ 2
7. Two numbers are in the ration 5 : 3. If they differ by 18 what are the numbers ? 2
8. Solve the following equations : $x = \frac{4}{5}(x + 10)$ 2
9. Solve the following equation : $5t - 3 = 3t - 5$ 2
10. Solve the following equations : $2x - 1 = 14 - x$ 2
11. Fifteen years from now Ravi's age will be four times his present age. What is Ravi's present age ? 2
12. Solve the following equation : $17 \div 6p = 9$ 2
13. Solve the following equation : $7x - 9 = 16$ 2
14. Solve the following equation : $4z + 3 = 6 + 2z$ 2
15. Solve the following equation : $\frac{3}{7} + x = \frac{17}{7}$ 2