

REE ACAI



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Class - 8th

Worksheet-05

Chapter-2

Subject Maths Linear Equations

Find the solution of following equation:

1.
$$2x - 3 = x + 2$$

6.
$$5x + \frac{7}{2} = \frac{3}{2}x - 14$$

2.
$$3x = 2x + 18$$

7.
$$5t-3=3t-5$$

3.
$$5x + 9 = 5 + 3x$$

8.
$$4z + 3 = 6 + 2z$$

4.
$$2x - 1 = 14 - x$$

9.
$$8x + 4 = 3(x - 1) + 7$$

5.
$$x = \frac{4}{5}(x + 10)$$

10.
$$\frac{2x}{3}$$
 + 1 = $\frac{7x}{15}$ + 3

- 11. The sum of three consecutive multiples of 11 is 363. Find these multiples.
- 12. The number of boys and girls in a class are in the ratio 7:5. The number of boys is 8 more than the number of girls. What is the total class strength?