CLASS-VII (MATHEMATICS)

CH-4: SIMPLE EQUATION

WORKSHEET-1

Do solutions on your CLASS WORK copy

1. Which is the equation form of the statement "4 is added to 3 times of x gives 10."

a. 4x + 3 = 10   b. 3x + 4 = 10   c. 10x + 4 = 3

2. Which is the root of the equation 5x + 3 = 18

a. x = 2   b. x = 4   c. x = 3

3. Which is the equation form of the statement "7 is subtracted from one-fifth of a number gives 12."

a. $7 - \frac{y}{5} = 12$ b. $\frac{y}{5} - 7 = 12$ c. $\frac{5}{y} - 7 = 12$

4. Solve : 9x – 15 = 30   correct answer is -

a. x = 5   b. x = -5   c. x = 7

5. Write 'True' or 'False' : x=6 is the root of the equation $\frac{x}{12} + 18 = 75$

6. Solve : $8 - \frac{y}{7} = 5$

7. Construct the equation:

   9 is added to 3 times of m equal to 30.

8. Construct the equation:

   10 is subtracted from 8 times of x gives 38.

9. Solve : $11 + \frac{y}{9} = 17$

10. Solve : 37 = 7 – 6m