

Class – 8<sup>th</sup>

*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?