

Class 8 – Mathematics Worksheet

Chapter: Linear Equations in One Variable

Topic: Solving Simple Linear Equations

Name: _____ Date: _____

Section A: Fill in the Blanks

1. The solution of the equation $x + 5 = 12$ is _____.
2. The value of x in $3x = 15$ is _____.
3. An equation with only one variable is called a _____ equation.

Section B: Solve the Following

4. $x + 7 = 15$
5. $5x = 35$
6. $x - 9 = 11$
7. $2x + 4 = 14$

Section C: Word Problems

8. The sum of a number and 10 is 25. Find the number.
9. Five times a number is 40. Find the number.

Section D: Challenge Question

10. Find the value of x : $3(x - 2) = 12$

Instructions:

- Show all steps clearly
- Write answers neatly
- Verify your answer if possible