

Solving Linear Equations - Practice Worksheet

Name: _____ Date: _____

Instructions: Solve each equation for the unknown variable. Show your working step by step. Check your answer by substituting it back into the original equation.

1. $x + 7 = 15$

.....

2. $y - 4 = 11$

.....

3. $3x = 24$

.....

4. $x/5 = 6$

.....

5. $2x + 3 = 11$

.....

6. $4y - 7 = 13$

.....

7. $3x + 5 = 2x + 9$

.....

8. $5(x - 2) = 15$

.....

9. $2(3x + 1) = 4x + 10$

.....

10. $(2x + 6)/4 = 5$

.....

Answer Key

1. $x = 8$

2. $y = 15$

3. $x = 8$

4. $x = 30$

5. $x = 4$

6. $y = 5$

7. $x = 4$

8. $x = 5$

9. $x = 4$

10. $x = 7$