Name: _____

# 8th Grade Weekly Math Review Week 13

Solve each problem. Show your work.

1. $7x + 0 = 70$ x = _____

2. $3x + 10 = 25$ x = _____

3. $5x + 3x + 6 = 38$ x = _____

4. $0.5x + 1.9 = 4.9$ x = _____

5. $860{,}000$ = _____

6. $4.4 \times 10^{-1}$ = _____

7. $6x + 6 = 5x + 9$ x = _____

8. $7^0$ = _____

9. Solve the system: $y = 2x - 4$ and $3x - 2y = 3$

   Solution: _____

10. Solve the system: $x + y = 2$ and $4x - y = -22$

    Solution: _____

11. Solve the system: $y = x + 4$ and $5x - 2y = -11$

    Solution: _____

12. Solve the system: $y = x - 2$ and $2x - y = 1$

    Solution: _____

Name: **ANSWER KEY**

# 8th Grade Weekly Math Review Week 13

Solve each problem. Show your work.

1. $7x + 0 = 70$ x = 10

2. $3x + 10 = 25$ x = 5

3. $5x + 3x + 6 = 38$ x = 4

4. $0.5x + 1.9 = 4.9$ x = 6

5. $860{,}000 =$ $8.6 \times 10^5$

6. $4.4 \times 10^{-1} =$ 0.44

7. $6x + 6 = 5x + 9$ x = 3

8. $7^0 =$ 1

9. Solve the system: $y = 2x - 4$ and $3x - 2y = 3$

   Solution: (5, 6)

10. Solve the system: $x + y = 2$ and $4x - y = -22$

    Solution: (−4, 6)

11. Solve the system: $y = x + 4$ and $5x - 2y = -11$

    Solution: (−1, 3)

12. Solve the system: $y = x - 2$ and $2x - y = 1$

    Solution: (−1, −3)