Name: _____

8th Grade Weekly Math Review Week 8

Solve each problem. Show your work.

1. $4 + (-8) =$ _____

2. $2 + 1 =$ _____

3. $0.036 =$ _____

4. $a^6 \div a^3 =$ _____

5. Estimate $\sqrt{12}$ to the nearest tenth.

   Answer: _____

6. $900 =$ _____

7. $\sqrt{31}$ is between which two whole numbers?

   Answer: _____

8. $3 \times 10^1 =$ _____

9. $0.4x + 2 = 3.6 \quad x =$ _____

10. $4x + 3x - 5 = 9 \quad x =$ _____

11. $2x + 1 = 5x - 26 \quad x =$ _____

12. $4x - 4 = 2x + 14 \quad x =$ _____

Name: **ANSWER KEY**

8th Grade Weekly Math Review Week 8

Solve each problem. Show your work.

1. $4 + (-8) =$ -4

2. $2 + 1 =$ 3

3. $0.036 =$ 3.6×10^{-2}

4. $a^6 \div a^3 =$ a^3

5. Estimate $\sqrt{12}$ to the nearest tenth.

   Answer: 3.5

6. $900 =$ 9×10^2

7. $\sqrt{31}$ is between which two whole numbers?

   Answer: 5 and 6

8. $3 \times 10^1 =$ 30

9. $0.4x + 2 = 3.6 \quad x =$ 4

10. $4x + 3x - 5 = 9 \quad x =$ 2

11. $2x + 1 = 5x - 26 \quad x =$ 9

12. $4x - 4 = 2x + 14 \quad x =$ 9