Name: _____

8th Grade Weekly Math Review Week 10

Solve each problem. Show your work.

1. $-9 + (-8) =$ _____

2. $-6 + (-4) =$ _____

3. $x^2 = 169 \quad x =$ _____

4. $\sqrt{\frac{1}{9}} =$ _____

5. $x^3 = 27 \quad x =$ _____

6. $9.2 \times 10^{-4} =$ _____

7. $5^{-2} =$ _____

8. $0.0092 =$ _____

9. $6x - 4 = 3x + 8 \quad x =$ _____

10. $3x + 5 = 2x + 13 \quad x =$ _____

11. $2.5x - 0.6 = 39.4 \quad x =$ _____

12. $3x - 4 = 2x + 3 \quad x =$ _____

Name: **ANSWER KEY**

8th Grade Weekly Math Review Week 10

Solve each problem. Show your work.

1. $-9 + (-8) =$ **−17**

2. $-6 + (-4) =$ **−10**

3. $x^2 = 169 \quad x =$ **±13**

4. $\sqrt{\frac{1}{9}} =$ **$\frac{1}{3}$**

5. $x^3 = 27 \quad x =$ **3**

6. $9.2 \times 10^{-4} =$ **0.00092**

7. $5^{-2} =$ **$\frac{1}{25}$**

8. $0.0092 =$ **9.2×10^{-3}**

9. $6x - 4 = 3x + 8 \quad x =$ **4**

10. $3x + 5 = 2x + 13 \quad x =$ **8**

11. $2.5x - 0.6 = 39.4 \quad x =$ **16**

12. $3x - 4 = 2x + 3 \quad x =$ **7**