Name: _____

8th Grade Weekly Math Review Week 7

Solve each problem. Show your work.

1. $3x + 7x - 3 =$ _____

2. $3x + 1x - 3 =$ _____

3. $x^3 = 216 \quad x =$ _____

4. Estimate $\sqrt{28}$ to the nearest tenth.

Answer: _____

5. $6.7 \times 10^2 =$ _____

6. $6.2 \times 10^1 =$ _____

7. cube root of 27 = _____

8. $x^3 = 64 \quad x =$ _____

9. $7x + 9 = 2x + 49 \quad x =$ _____

10. $\frac{x}{2} - 5 = -2 \quad x =$ _____

11. $0.5x - 1.9 = 4.1 \quad x =$ _____

12. $\frac{x}{2} - 2 = 5 \quad x =$ _____

Name: **ANSWER KEY**

8th Grade Weekly Math Review Week 7

Solve each problem. Show your work.

1. $3x + 7x - 3 =$ 10x − 3

2. $3x + 1x - 3 =$ 4x − 3

3. $x^3 = 216 \quad x =$ 6

4. Estimate $\sqrt{28}$ to the nearest tenth.

   Answer: 5.3

5. $6.7 \times 10^2 =$ 670

6. $6.2 \times 10^1 =$ 62

7. cube root of 27 = 3

8. $x^3 = 64 \quad x =$ 4

9. $7x + 9 = 2x + 49 \quad x =$ 8

10. $\frac{x}{2} - 5 = -2 \quad x =$ 6

11. $0.5x - 1.9 = 4.1 \quad x =$ 12

12. $\frac{x}{2} - 2 = 5 \quad x =$ 14