Name: _____

8th Grade Weekly Math Review Week 6

Solve each problem. Show your work.

1. $8x + 0 = 40$ x = _____

2. $7(x - 1) =$ _____

3. Estimate $\sqrt{74}$ to the nearest tenth.

Answer: _____

4. $x^3 = 216$ x = _____

5. $\sqrt{\frac{9}{25}} =$ _____

6. cube root of 8 = _____

7. $x^2 = 64$ x = _____

8. $x^2 = 100$ x = _____

9. $3^9 \div 3^5 =$ _____

10. $5^{10} \div 5^8 =$ _____

11. $y^9 \div y^4 =$ _____

12. 2,000 = _____

Name: **ANSWER KEY**

8th Grade Weekly Math Review Week 6

Solve each problem. Show your work.

1. $8x + 0 = 40$ x = 5

2. $7(x - 1) =$ $7x - 7$

3. Estimate $\sqrt{74}$ to the nearest tenth.

Answer: 8.6

4. $x^3 = 216$ x = 6

5. $\sqrt{\frac{9}{25}} =$ $\frac{3}{5}$

6. cube root of 8 = 2

7. $x^2 = 64$ x = ± 8

8. $x^2 = 100$ x = ± 10

9. $3^9 \div 3^5 =$ 3^4

10. $5^{10} \div 5^8 =$ 5^2

11. $y^9 \div y^4 =$ y^5

12. 2,000 = 2×10^3