Name: _____

8th Grade Weekly Math Review Week 3

Solve each problem. Show your work.

1. $3 + 0 =$ _____

2. $1 \times (-7) =$ _____

3. $x^2 = 9 \quad x =$ _____

4. $x^2 = 144 \quad x =$ _____

5. $\sqrt{\frac{81}{100}} =$ _____

6. $\sqrt{37}$ is between which two whole numbers?

Answer: _____

7. Estimate $\sqrt{39}$ to the nearest tenth.

Answer: _____

8. cube root of 8 = _____

9. $a^7 \div a^3 =$ _____

10. $2^{-3} =$ _____

11. $0.0083 =$ _____

12. $3^9 \div 3^7 =$ _____

Name: **ANSWER KEY**

8th Grade Weekly Math Review Week 3

Solve each problem. Show your work.

1. $3 + 0 =$ 3

2. $1 \times (-7) =$ -7

3. $x^2 = 9 \quad x =$ ± 3

4. $x^2 = 144 \quad x =$ ± 12

5. $\sqrt{\frac{81}{100}} =$ $\frac{9}{10}$

6. $\sqrt{37}$ is between which two whole numbers?

   Answer: 6 and 7

7. Estimate $\sqrt{39}$ to the nearest tenth.

   Answer: 6.2

8. cube root of 8 = 2

9. $a^7 \div a^3 =$ a^4

10. $2^{-3} =$ $\frac{1}{8}$

11. $0.0083 =$ 8.3×10^{-3}

12. $3^9 \div 3^7 =$ 3^2