Name: _____

7th Grade Weekly Math Review Week 8

Solve each problem. Show your work.

1. $\frac{5}{8} \div \frac{3}{4} =$ _____

2. $32 - 20 \div 5 =$ _____

3. $\frac{5}{7} = \frac{x}{35}$ $x =$ _____

4. A video game costs $42.20. Sales tax is 7.5%. What is the total cost?

   Answer: _____

5. 1 1/2 cups in 1/6 batch. Find the unit rate.

   Answer: _____

6. 1 1/2 cups in 1/4 batch. Find the unit rate.

   Answer: _____

7. 63 cups of flour make 9 batches of muffins. What is the constant of proportionality?

   Answer: _____

8. 1/4 gallons in 1/3 minute. Find the unit rate.

   Answer: _____

9. $-9 + (-17) =$ _____

10. $-9 + 19 =$ _____

11. $36 \div (-4) =$ _____

12. $0 + (-10) =$ _____

Name: **ANSWER KEY**

7th Grade Weekly Math Review Week 8

Solve each problem. Show your work.

1. $\frac{5}{8} \div \frac{3}{4} =$ $\frac{5}{6}$

2. $32 - 20 \div 5 =$ 28

3. $\frac{5}{7} = \frac{x}{35}$ $x =$ 25

4. A video game costs $42.20. Sales tax is 7.5%. What is the total cost?

   Answer: $45.37

5. 1 1/2 cups in 1/6 batch. Find the unit rate.

   Answer: 9 cups per batch

6. 1 1/2 cups in 1/4 batch. Find the unit rate.

   Answer: 6 cups per batch

7. 63 cups of flour make 9 batches of muffins. What is the constant of proportionality?

   Answer: 7 cups per batch

8. 1/4 gallons in 1/3 minute. Find the unit rate.

   Answer: $\frac{3}{4}$ gallons per minute

9. $-9 + (-17) =$ −26

10. $-9 + 19 =$ 10

11. $36 \div (-4) =$ −9

12. $0 + (-10) =$ −10