Name: _____

7th Grade Weekly Math Review Week 16

Solve each problem. Show your work.

1. $6 \times 6 - (9 + 9) =$ _____

2. $9 \times 4 - (3 + 8) =$ _____

3. $-\frac{1}{6} + \frac{1}{8} =$ _____

4. 1 1/2 gallons in 1/3 minute. Find the unit rate.

   Answer: _____

5. A restaurant bill is $76.00. You leave a 18% tip. What is the tip, and what is the total?

   Answer: _____

6. A pair of shoes costs $80.00. It is 25% off. What is the sale price?

   Answer: _____

7. A pair of shoes costs $150.00. It is 15% off. What is the sale price?

   Answer: _____

8. 9 cups of flour make 12 batches of muffins. What is the constant of proportionality?

   Answer: _____

9. $2x + 6x - 2 =$ _____

10. $8(x + 4) =$ _____

11. $4x + 8x - 4 =$ _____

12. $3(x + 7) =$ _____

Name: **ANSWER KEY**

7th Grade Weekly Math Review Week 16

Solve each problem. Show your work.

1. $6 \times 6 - (9 + 9) =$ 18

2. $9 \times 4 - (3 + 8) =$ 25

3. $-\frac{1}{6} + \frac{1}{8} =$ $-\frac{1}{24}$

4. 1 1/2 gallons in 1/3 minute. Find the unit rate.

   Answer: $4\frac{1}{2}$ gallons per minute

5. A restaurant bill is $76.00. You leave a 18% tip. What is the tip, and what is the total?

   Answer: $13.68 tip, $89.68 total

6. A pair of shoes costs $80.00. It is 25% off. What is the sale price?

   Answer: $60.00

7. A pair of shoes costs $150.00. It is 15% off. What is the sale price?

   Answer: $127.50

8. 9 cups of flour make 12 batches of muffins. What is the constant of proportionality?

   Answer: $\frac{3}{4}$ cups per batch

9. $2x + 6x - 2 =$ $8x - 2$

10. $8(x + 4) =$ $8x + 32$

11. $4x + 8x - 4 =$ $12x - 4$

12. $3(x + 7) =$ $3x + 21$