Name: _____

7th Grade Weekly Math Review Week 21

Solve each problem. Show your work.

1. $|9| + |-12| =$ _____

2. $\frac{1}{2} \div \frac{1}{8} =$ _____

3. $8x + 2x - 8 =$ _____

4. A restaurant bill is $70.02. You leave a 18% tip. What is the tip, and what is the total?

   Answer: _____

5. $7(x + 8) =$ _____

6. $2 + 12 =$ _____

7. $-19 + 20 =$ _____

8. A store buys a toy for $10.00 and marks it up 60%. What is the selling price?

   Answer: _____

9. Solve the inequality: $x + 11 \leq 23$

   Answer: _____

10. $6x - 12 = 60$ $x =$ _____

11. $8x + 4 = 44$ $x =$ _____

12. $7x + 13 = 6$ $x =$ _____

Name: **ANSWER KEY**

7th Grade Weekly Math Review Week 21

Solve each problem. Show your work.

1. $|9| + |-12| =$ 21

2. $\frac{1}{2} \div \frac{1}{8} =$ 4

3. $8x + 2x - 8 =$ $10x - 8$

4. A restaurant bill is $70.02. You leave a 18% tip. What is the tip, and what is the total?

   Answer: $12.60 tip, $82.62 total

5. $7(x + 8) =$ $7x + 56$

6. $2 + 12 =$ 14

7. $-19 + 20 =$ 1

8. A store buys a toy for $10.00 and marks it up 60%. What is the selling price?

   Answer: $16.00

9. Solve the inequality: $x + 11 \leq 23$

   Answer: $x \leq 12$

10. $6x - 12 = 60$ $x =$ 12

11. $8x + 4 = 44$ $x =$ 5

12. $7x + 13 = 6$ $x =$ -1