Name: _____

7th Grade Weekly Math Review Week 27

Solve each problem. Show your work.

1. $|-4| =$ _____

2. 15% of 60 = _____

3. A pair of shoes costs $60.00. It is 10% off. What is the sale price?

   Answer: _____

4. $1\frac{1}{2} - \left(-\frac{1}{6}\right) =$ _____

5. $\frac{x}{7} = \frac{12}{28}$ $x =$ _____

6. Mia earns $40 for 8 hours of babysitting. What is the constant of proportionality?

   Answer: _____

7. Solve the inequality: $x + 12 > 20$

   Answer: _____

8. $-1.5 - (-5.9) =$ _____

9. supplement of 60° = _____

10. Two vertical angles measure $(2x + 30)°$ and 62°. Find x.

    Answer: _____

11. Two angles are supplementary. One measures $5x°$ and the other measures $(2x + 12)°$. Find x.

    Answer: _____

12. Two angles are supplementary. One measures $2x°$ and the other measures $(2x + 88)°$. Find x.

    Answer: _____

Name: **ANSWER KEY**

7th Grade Weekly Math Review Week 27

Solve each problem. Show your work.

1. $|-4| =$ 4

2. 15% of 60 = 9

3. A pair of shoes costs $60.00. It is 10% off. What is the sale price?

   Answer: $54.00

4. $1\frac{1}{2} - \left(-\frac{1}{6}\right) =$ $1\frac{2}{3}$

5. $\frac{x}{7} = \frac{12}{28}$ $x =$ 3

6. Mia earns $40 for 8 hours of babysitting. What is the constant of proportionality?

   Answer: 5 dollars per hour

7. Solve the inequality: $x + 12 > 20$

   Answer: $x > 8$

8. $-1.5 - (-5.9) =$ 4.4

9. supplement of 60° = 120°

10. Two vertical angles measure $(2x + 30)°$ and 62°. Find x.

    Answer: $x = 16$

11. Two angles are supplementary. One measures $5x°$ and the other measures $(2x + 12)°$. Find x.

    Answer: $x = 24$

12. Two angles are supplementary. One measures $2x°$ and the other measures $(2x + 88)°$. Find x.

    Answer: $x = 23$