Name: _____

7th Grade Weekly Math Review Week 4

Solve each problem. Show your work.

1. 75% of 40 = _____

2. 35% of 200 = _____

3. 12% of 80 = _____

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

5. 90% of 240 = _____

6. |12| = _____

7. 10% of 60 = _____

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

9. y is proportional to x. When x = 12, y = 24. Find the constant of proportionality k and write the equation.

   Answer: _____

10. Mia earns $9 for 12 hours of babysitting. What is the constant of proportionality?

    Answer: _____

11. $\frac{x}{6} = \frac{35}{30}$ x = _____

12. 1/2 miles in 1/2 hour. Find the unit rate.

    Answer: _____

Name: **ANSWER KEY**

7th Grade Weekly Math Review Week 4

Solve each problem. Show your work.

1. 75% of 40 = 30

2. 35% of 200 = 70

3. 12% of 80 = 9.6

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

5. 90% of 240 = 216

6. |12| = 12

7. 10% of 60 = 6

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

9. y is proportional to x. When x = 12, y = 24. Find the constant of proportionality k and write the equation.

   Answer: k = 2, y = 2x

10. Mia earns $9 for 12 hours of babysitting. What is the constant of proportionality?

    Answer: $\frac{3}{4}$ dollars per hour

11. $\frac{x}{6} = \frac{35}{30}$ x = 7

12. 1/2 miles in 1/2 hour. Find the unit rate.

    Answer: 1 miles per hour