Name: _____

7th Grade Weekly Math Review Week 3

Solve each problem. Show your work.

1. $[9 + (9 - 6)] \times 8 =$ _____

2. 35% of 20 = _____

3. 30% of 500 = _____

4. $6 + 3 \times [13 - (5 - 1)] =$ _____

5. $|7| + |-9| =$ _____

6. 50% of 300 = _____

7. 5% of 20 = _____

8. $3 + 3 \times 6 =$ _____

9. Mia earns $9 for 3 hours of babysitting. What is the constant of proportionality?

   Answer: _____

10. A printer prints 84 pages in 12 minutes. What is the constant of proportionality?

    Answer: _____

11. y is proportional to x. When x = 4, y = 3. Find the constant of proportionality k and write the equation.

    Answer: _____

12. A printer prints 150 pages in 10 minutes. What is the constant of proportionality?

    Answer: _____

Name: **ANSWER KEY**

7th Grade Weekly Math Review Week 3

Solve each problem. Show your work.

1. $[9 + (9 - 6)] \times 8 =$ 96

2. 35% of 20 = 7

3. 30% of 500 = 150

4. $6 + 3 \times [13 - (5 - 1)] =$ 33

5. $|7| + |-9| =$ 16

6. 50% of 300 = 150

7. 5% of 20 = 1

8. $3 + 3 \times 6 =$ 21

9. Mia earns $9 for 3 hours of babysitting. What is the constant of proportionality?

   Answer: 3 dollars per hour

10. A printer prints 84 pages in 12 minutes. What is the constant of proportionality?

    Answer: 7 pages per minute

11. y is proportional to x. When x = 4, y = 3. Find the constant of proportionality k and write the equation.

    Answer: $k = \frac{3}{4}$, $y = \frac{3}{4}x$

12. A printer prints 150 pages in 10 minutes. What is the constant of proportionality?

    Answer: 15 pages per minute