Name: _____

6th Grade Weekly Math Review Week 22

Solve each problem. Show your work.

1. $\frac{1}{5} \times \frac{5}{6} =$ _____

2. $5 \times 5 - (4 + 6) =$ _____

3. $|-13| + |10| =$ _____

4. $6 : ? \ = \ 30 : 25 \quad ? =$ _____

5. $? : 3 \ = \ 25 : 15 \quad ? =$ _____

6. Which quadrant is the point (9, 7) in?

   Answer: _____

7. There are 6 apples and 42 oranges. Write the ratio of apples to all of them in simplest form.

   Answer: _____

8. Which quadrant is the point (7, −1) in?

   Answer: _____

9. $x^2 + 8$ when $x = 7 =$ _____

10. $(13 - 7) \times (8 + 5) =$ _____

11. $4 \times (8 + 4) - 8 =$ _____

12. $2 + 2 \times [14 - (6 - 1)] =$ _____

Name: **ANSWER KEY**

6th Grade Weekly Math Review Week 22

Solve each problem. Show your work.

1. $\frac{1}{5} \times \frac{5}{6} =$ $\frac{1}{6}$

2. $5 \times 5 - (4 + 6) =$ 15

3. $|-13| + |10| =$ 23

4. $6 : ? \ = \ 30 : 25 \quad ? =$ 5

5. $? : 3 \ = \ 25 : 15 \quad ? =$ 5

6. Which quadrant is the point (9, 7) in?

   Answer: Quadrant I

7. There are 6 apples and 42 oranges. Write the ratio of apples to all of them in simplest form.

   Answer: 1 : 8

8. Which quadrant is the point (7, −1) in?

   Answer: Quadrant IV

9. $x^2 + 8$ when $x = 7 =$ 57

10. $(13 - 7) \times (8 + 5) =$ 78

11. $4 \times (8 + 4) - 8 =$ 40

12. $2 + 2 \times [14 - (6 - 1)] =$ 20