Name: _____

7th Grade Weekly Math Review Week 23

Solve each problem. Show your work.

1. $\frac{1}{6} \div \frac{4}{5} =$ _____

2. 25% of 360 = _____

3. $2.3 - (-9.3) =$ _____

4. $7x + 11 = 39 \quad x =$ _____

5. A restaurant bill is $32.89. You leave a 20% tip. What is the tip, and what is the total?

   Answer: _____

6. $8x + 2x - 8 =$ _____

7. $\frac{2}{3} + \left(- \frac{7}{8} \right) =$ _____

8. $-24 \div 3 =$ _____

9. On a map, 1 cm represents 50 km. Two cities are 4.5 cm apart on the map. How far apart are they?

   Answer: _____

10. On a map, 1 cm represents 10 km. Two cities are 6 cm apart on the map. How far apart are they?

    Answer: _____

11. On a map, 1 cm represents 25 km. Two cities are 9.5 cm apart on the map. How far apart are they?

    Answer: _____

12. On a map, 1 cm represents 100 km. Two cities are 1.5 cm apart on the map. How far apart are they?

    Answer: _____

Name: **ANSWER KEY**

7th Grade Weekly Math Review Week 23

Solve each problem. Show your work.

1. $\frac{1}{6} \div \frac{4}{5} =$ $\frac{5}{24}$

2. 25% of 360 = 90

3. $2.3 - (-9.3) =$ 11.6

4. $7x + 11 = 39 \quad x =$ 4

5. A restaurant bill is $32.89. You leave a 20% tip. What is the tip, and what is the total?

   Answer: $6.58 tip, $39.47 total

6. $8x + 2x - 8 =$ $10x - 8$

7. $\frac{2}{3} + \left(-\frac{7}{8} \right) =$ $-\frac{5}{24}$

8. $-24 \div 3 =$ -8

9. On a map, 1 cm represents 50 km. Two cities are 4.5 cm apart on the map. How far apart are they?

   Answer: 225 km

10. On a map, 1 cm represents 10 km. Two cities are 6 cm apart on the map. How far apart are they?

    Answer: 60 km

11. On a map, 1 cm represents 25 km. Two cities are 9.5 cm apart on the map. How far apart are they?

    Answer: 237.5 km

12. On a map, 1 cm represents 100 km. Two cities are 1.5 cm apart on the map. How far apart are they?

    Answer: 150 km