

Lesson 17T ~ Solving Percents Using Equations

Name _____ Period _____ Date _____

$\text{part} = \text{percent} \cdot \text{whole}$

Use the percent equation to solve. Round your answer to the nearest tenth if necessary.

1. What is 50% of 20?

Equation: $x = 0.5 \cdot 20$

Answer: _____

2. Eight is 2% of what number?

Equation: $8 = 0.02 \cdot x$

Answer: _____

3. What percent of 50 is 10?

Equation:

Answer: _____

4. What is 75% of 32?

Equation:

Answer: _____

5. Nine is 30% of what number?

Equation:

Answer: _____

6. What percent of 75 is 15?

Equation:

Answer: _____

7. What is 60% of 120?

Equation:

Answer: _____

8. 50 is 20% of what number?

Equation:

Answer: _____

9. What percent of 24 is 8?

Equation:

Answer: _____

10. What is 10% of 90?

Equation:

Answer: _____