Name: _____ Class: _____ Date: _____

Directions: Use the percent proportion to solve each question.

$$\frac{\text{"is" (part)}}{\text{"of" (whole)}} = \frac{\%}{100}$$

Example: *16 is 80% of what number?*

16 is the "**is**" number or **part** so it goes in the numerator.

$$\frac{16}{x} = \frac{80}{100}$$

80%

You are looking for the "**of**" number or **whole**, so the **x** goes in the denominator.

Cross-multiply the two numbers in the same diagonal, then divide the answer by the other number.

$16 \cdot 100 = 1600 \div 80 = 20$

1) What is 25% of 64?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

Answer =

2) 54 is 90% of what number?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

Answer =

3) 12 is what percent of 80?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

Answer =

4) What is 30% of 90?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

Answer =

5) 8 is 40% of what number?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

Answer =

6) 24 is what percent of 60?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

Answer =

7) 6 is 20% of what number?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

Answer =

8) What is 60% of 60?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

Answer =

9) 18 is what percent of 24?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

Answer =

10) 22 is 40% of what number?

$$\frac{\quad}{\quad} = \frac{\quad}{100}$$

Answer =

LIVEWORKSHEETS