

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

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

80%

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 =