

Lesson 46: Quiz 1 - Finding a Number When a Percent is Given

Directions: Find the number that will solve these problems when a percent and part of the number are given.

Example: 50% of what number is 40? $50\% = .50$

$$\begin{array}{r} .50 \overline{)40} \\ \end{array} \quad ==> \quad \begin{array}{r} 80. \\ 50 \overline{)4000.} \\ \end{array}$$

1) 29% of what number is 29?

Answer: _____

2) 40% of what number is 12?

Answer: _____

3) 70% of what number is 140?

Answer: _____

4) 8% of what number is 12?

Answer: _____

5) 12.5% of what number is 100?

Answer: _____