

Lesson 46: Quiz 2 - Finding a Number When a Percent is Given

Directions: Find the number when **part of the number** and the **percent** are given.

Example: Casey got 18 questions on a test correct. If she received a score of 90%, how many questions were on the test?



$$\frac{18}{.90}$$

\Rightarrow

$$90 \overline{)1800.} \quad \begin{array}{r} 20 \\ \end{array}$$

20 questions on the test!

1. 300 people in a small neighborhood voted in a last election. That was 80% of the eligible voters. How many people in that neighborhood are eligible to vote?

Answer: _____

2. The Vegas pay \$800 in rent each month. If that is 25% of their monthly income, how much is their monthly income?

Answer: _____

3. This car dealership sold 34 convertibles. What were the total number cars sold?

Types of Cars Sold

Types of Cars	Percent (%) Sold
Sedan	50%
Convertible	17%
Minivan	33%

Answer: _____