

Percent Proportion

For many of us, a percent is nothing more than a way of interpreting information. We have worked with percents since grade school as a statistic. In reality, all we are doing is looking at information in terms of a ratio, then rewriting the ratio so the denominator is 100.

For instance, let's say you got 8 correct out of 10 problems on your quiz. To determine your grade, your teacher would typically want to know how well you would have performed if there were 100 questions.

In other words, they would set up a proportion like this.

$$\frac{\textit{Part}}{\textit{Total}} = \frac{\%}{100}$$