Week 2

Introduction to Percent

Percent means out of 100.

MA123: Mathematical Reasoning & Modeling (Spring 2021)

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Example 1:

Convert 2.7% to a decimal

Example 2:

Convert 0.39% to a decimal

Example 3:

Convert 0.078 to a percent.

Example 4:

Convert 0.4733 to a percent.

Example 5:

The fraction $\dfrac{27}{25}$ is equivalent to what percent?

Example 6:

Convert $8\frac{5}{6}\%$ to a fraction or mixed number.

Example 7:

Convert $7\frac{1}{6}$ to percent.

Write you answer as a decimal rounded to the nearest hundredth.