

Unit 1

1.1 Proportional Reasoning

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Objective

use ratios to solve new problems

Defintions

ratio: two numbers that have the same units are compared to each other

proportion: a fraction that describes the equality between two ratios or rates.

Start

Intro

Ratios are an integral part of our world, and you probably already use them everyday!

Driving

Q: What does it mean to be going 100 km an hour? What does this represent.

Q:What does going 30 km an hour in a school zone mean?

What we're really saying is this: for every hour (bottom) we have, we go 100 kilometers (top)

$$\frac{100kilometers}{1hour}$$