



Understanding Unit Rates

Today's Standard

6.RP.A2 - Understand the concept of a unit rate a/b associated with a ratio $a:b$ with $b \neq 0$, and use rate language in the context of a ratio relationship. For example, 'This recipe has a ratio of 3 cups of flour to 4 cups of sugar, so there is $3/4$ cup of flour for each cup of sugar.' 'We paid \$75 for 15 hamburgers, which is a rate of \$5 per hamburger.'

Real-World Applications for this Standard

Comparing prices in a grocery store to find the best deal; Calculating speed in miles per hour; Determining the cost per item when buying in bulk; Understanding recipes and cooking measurements; Analyzing travel time and distance

Today I Learned

Today, we learned about unit rates. A unit rate is a way to compare two things, like how much one thing costs per one unit of another thing. For example, if you buy 15 hamburgers for \$75, each hamburger costs \$5.

Common Stumbling Blocks

Sometimes kids mix up 'rate' and 'ratio'. A rate compares different things, like miles per hour. A ratio compares the same things, like cups of flour to cups of sugar. Another common mistake is thinking unit rates are always whole numbers, but they can be fractions or decimals too.

Quiz Me

- What is a unit rate?
- How do you find a unit rate?
- Can a unit rate be a fraction?
- What is the unit rate if you buy 10 apples for \$5?
- What is the unit rate if you travel 60 miles in 2 hours?

Help Me

A unit rate helps us understand how much one thing costs or how far one thing goes. For example, if you buy 10 apples for \$5, each apple costs \$0.50. Or if you travel 60 miles in 2 hours, you go 30 miles in 1 hour. This

helps us make smart choices in real life, like finding the best deal or planning a trip.