Understanding Unit Rates

Today's Standard

7.RP.A2b - Identify the constant of proportionality (unit rate) in tables, graphs, equations, diagrams, and verbal descriptions of proportional relationships.

Real-World Applications for this Standard

Comparing prices in grocery stores; Calculating speed (miles per hour); Determining cost per item in bulk purchases; Analyzing recipes for ingredient proportions; Scaling models or drawings

Today I Learned

Today we learned how to find the unit rate, which is a special number that tells us how much one thing is compared to another. For example, if you buy 10 apples for $5, the unit rate is 50 cents per apple.

Common Stumbling Blocks

Sometimes kids think the unit rate changes with different amounts, but it stays the same. Another mix-up is thinking the unit rate is the same as the ratio, but they are different.

Quiz Me

- What is a unit rate?
- Can the unit rate change with different amounts?
- How do you find the unit rate in a table?
- What is an example of a unit rate?
- Why is the unit rate important?

Help Me

A unit rate helps us understand how much one thing is compared to another. For example, if you buy 10 apples for $5, the unit rate is 50 cents per apple. This helps us compare prices and make better choices.