



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.

Cues	Notes
What is a unit rate?	A unit rate is the constant of proportionality in a proportional relationship.
How to identify the constant of proportionality?	It can be identified in tables, graphs, equations, diagrams, and verbal descriptions.
Examples of proportional relationships	Examples include speed (miles per hour), price per item, and ingredient proportions in recipes.
Common misconceptions about unit rates	Common misconceptions include confusing the unit rate with the ratio and thinking it changes with quantity.
Real-world applications of unit rates	Real-world applications help solidify understanding by providing practical examples.

Summary

Understanding unit rates involves identifying the constant of proportionality in various representations. This concept is foundational for advanced mathematical topics and has numerous real-world applications.