Unit Rates and Speed Calculations

Today's Standard

6.RP.A3b - Solve unit rate problems including those involving unit pricing and constant speed. For example, if it took 7 hours to mow 4 lawns, then at that rate, how many lawns could be mowed in 35 hours? At what rate were lawns being mowed?

Cues	Notes
What is a unit rate?	A unit rate is a ratio that compares a quantity to one unit of another quantity.
How do you calculate unit rate?	To calculate a unit rate, divide the total quantity by the number of units.
Examples of unit rates?	Examples: price per item, speed (miles per hour), cost per ounce.
Common mistakes in unit rate calculations?	Common mistakes: confusing total quantity with unit rate, dividing wrong quantities.
Why are unit rates important?	Unit rates are important for comparing prices, calculating speeds, and solving real-world problems.

Summary

Unit rates are essential for comparing quantities in real-world scenarios. Understanding how to calculate and apply them helps solve problems related to pricing, speed, and more.