



## Proportional Relationships

### Today's Standard

7.RP.A2 - Recognize and represent proportional relationships between quantities.

Cues	Notes
What is a proportional relationship?	A proportional relationship is one where two quantities maintain a constant ratio.
How do you identify the constant of proportionality?	The constant of proportionality is the constant ratio between two proportional quantities.
What are real-world examples of proportional relationships?	Examples include comparing prices, scaling recipes, converting units, determining speed, and analyzing maps.
What is a common misconception about proportional relationships?	A common misconception is that all relationships between quantities are proportional.
How can you differentiate between proportional and non-proportional relationships?	Use examples and non-examples to help differentiate between proportional and non-proportional relationships.

### Summary

Proportional relationships maintain a constant ratio between quantities. Understanding and identifying these relationships is essential for solving real-world problems and preparing for more advanced mathematical concepts.