



Understanding Percentages and Their Applications

Today's Standard

6.RP.A3c - Find a percent of a quantity as a rate per 100 (e.g., 30% of a quantity means 30/100 times the quantity); solve problems involving finding the whole, given a part and the percent.

Cues	Notes
Percent	Percent means per 100.
Rate per 100	30% of a quantity means 30/100 times that quantity.
Finding the whole	To find the whole, divide the part by the percentage (in decimal form).
Common misconceptions	Percentages can be greater than 100%. 50% of a quantity is not the same as 50 of that quantity.

Summary

Understanding percentages involves seeing them as rates per 100 and applying this to find parts and wholes in various contexts. Common misconceptions include thinking percentages can't exceed 100% and confusing percentages with fixed numbers.