



## 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.

### Real-World Applications for this Standard

Calculating sales tax on a purchase; Determining the tip amount at a restaurant; Finding the discount on a sale item; Calculating the percentage of a test score; Understanding population growth rates

### Today I Learned

Today, we learned about percentages. A percentage tells us how much out of 100. For example, if you have 30%, you have 30 out of 100.

### Common Stumbling Blocks

Sometimes, kids think that percentages can't be more than 100%, but they can! Also, 50% of something is not the same as 50 of something. 50% means half of the amount.

### Quiz Me

- What does 50% mean?
- Can percentages be more than 100%?
- How do you find 30% of a number?
- What is 50% of 200?
- Is 50% the same as 50?

### Help Me

Percentages are used in many real-life situations, like finding out how much discount you get on a sale item. For example, if something is 30% off, you pay 30 out of 100 less.