



## Descriptive Modeling Quantities

### Today's Standard

HSN.Q.A2 - Define appropriate quantities for the purpose of descriptive modeling.

### Real-World Applications for this Standard

Calculating the amount of paint needed to cover a surface; Determining the dosage of medication based on body weight; Estimating the amount of materials required for a construction project; Budgeting for a personal finance plan; Analyzing data trends in a scientific study

### Today I Learned

Today, we learned about choosing the right amounts to describe things in math. This helps us solve real-world problems.

### Common Stumbling Blocks

Sometimes, kids might think any amount can be used without checking if it's right. They also might mix up units like inches and centimeters.

### Quiz Me

- What is a quantity?
- Why do we need the right quantity?
- Can any quantity be used for a problem?
- What happens if we mix up units?
- How can we choose the right quantity?

### Help Me

Choosing the right amount helps us solve problems like figuring out how much paint we need or how much medicine to take. It's important to use the right units and amounts.