



Measuring Volume and Mass

Today's Standard

3.MD.A2 - Measure and estimate liquid volumes and masses of objects using standard units of grams (g), kilograms (kg), and liters (l). Add, subtract, multiply, or divide to solve one-step word problems involving masses or volumes that are given in the same units, e.g., by using drawings (such as a beaker with a measurement scale) to represent the problem.

Cues	Notes
What are standard units of measurement?	Standard units of measurement include grams, kilograms, and liters.
How do you measure liquid volumes?	To measure liquid volumes, use tools like measuring cups or beakers with scales.
How do you measure masses?	Masses can be measured using scales that show grams or kilograms.
What are common units for volume and mass?	Common units for volume include liters, and for mass, grams and kilograms.
How do you solve word problems involving measurements?	Solve word problems by adding, subtracting, multiplying, or dividing measurements given in the same units.

Summary

Understanding how to measure and estimate liquid volumes and masses using standard units is essential. Students learn to solve one-step word problems involving these measurements and become familiar with different scales and units.