



Measure Matter

Steps

1. Hold a golf ball in one hand. Estimate how many gram cubes it equals. Write your estimate here.

2. **Measure** Use a balance to check your estimate. How many gram cubes did the ball equal?

3. **Measure** Pour water into a measuring cup to the 100-milliliter mark.

4. **Measure** Put a golf ball into the measuring cup. Measure the change in the water level. Write the new water level here.

Name _____

Think and Share

1. **Compare** How did your measurement of the ball compare to your estimate?

2. How did the number of milliliters in the cup change when you added the ball?

Work Together Find other objects that can be measured on a balance. Talk about how to sort them by their measurements.

Guided Inquiry