

MEASURING

Measuring Mass

Determine the mass of 50 mL of tap water. Include the units of mass.

- Use a balance to determine the mass of an empty beaker. Record your calculations and results in the table below.
- Use the graduated cylinder to measure 50 mL of water. Pour the water into the beaker. Determine the mass of the beaker with the water in it. Record your results.
- Subtract the mass of the empty beaker from the mass of the beaker with water in it. Record your results.

MATERIALS

- 100 mL graduated cylinder
- 100 mL beaker
- balance
- tap water

1. Empty beaker

Calculations:

Mass of empty beaker: _____ g

2. Beaker with 50 mL of water

Calculations:

Mass of beaker with 50 mL of water: _____ g

Name _____

Period _____

Date _____

Measuring

3. 50 mL of water

Calculations:

Mass of 50 mL of water: _____ g

Challenge Describe a procedure that you could use to measure the mass of a gas.
