| Content Standard	**MAFS.3.MD** *Measurement and Data* **MAFS.3.MD.1** *Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.* **MAFS.3.MD.1.2** 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.
Assessment Limits	Excludes compound units such as cubic centimeters (cm^3) and finding the geometric volume of a container. Excludes multiplicative comparison problems (problems involving notions of "times as much"). Unit conversions are not included.
Calculator	No
Acceptable Response Mechanisms	Equation Response Multiple Choice Response
Context	Allowable

Example	
Context	One-step word problems can have addition or subtraction.
Context easier	Single-digit scale.
Context more difficult	Three-digit scale. One-step word problems can extend to multiplication or division.

Sample Item Stem	Response Mechanism	Notes, Comments
Mark has the container shown. How many liters of water are in the container?	Equation Response	
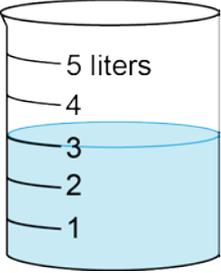
Mark has the container shown. 250 mL 200 150 100 How many milliliters (mL) of water are in the container?	Equation Response	
Mark and Gina have similar containers filled with different amounts of water as shown. Gina Mark 5 liters 4 3 2 1 Gina's container has 4 liters of water. About how much water, in liters, does Mark's container have?	Equation Response	
Gina and Mark each have a container of water as shown. Mark Gina 25 mL 25 mL 20 20 15 15 10 10 What is the difference, in milliliters (mL), between the amounts of water in their containers?	Equation Response	
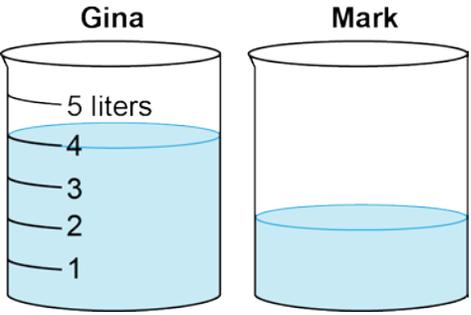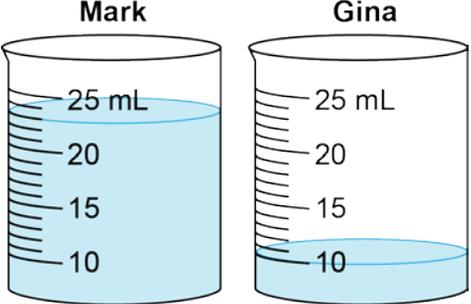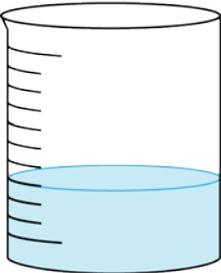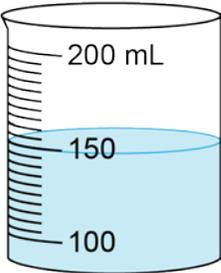
Gina and Mark have the containers shown.	Equation Response	
Gina　　**Mark** 200 mL 150 100 Gina does not know how much water is in her container. Mark's container is the same size. About how much less water, in milliliters (mL), does Gina have than Mark?		