



Name _____ Date _____

Metric Units of Capacity and Mass

CA Standards
KEY NS 3.2, MR 3.2

Solve each problem.

Metric Units of Capacity

1 liter (L) = 1,000 milliliters (mL)

1. A box of hot cocoa packets has 30 grams of hot cocoa mix. How many boxes of mix can be made from 6 kilograms of hot cocoa mix?

3. A serving of green beans is 125 g. The cafeteria has 10 5-kilogram cans of green beans. Does the cafeteria have enough green beans to serve 350 students? Show your work.

5. A serving of juice is 250 mL. How many servings are in a dozen liters of juice? Show your work.

Metric Units of Mass

1 kilogram (kg) = 1,000 grams (g)

2. A serving of chicken noodle soup is 120 mL. How many liters of soup will the cafeteria need to serve 350 students?

4. A granola bar weighs 30 g. 100 granola bars are in a shipping carton. How many kilograms do a dozen shipping cartons weigh? Show your work.

6. Mrs. Franks bought 6 large jugs of milk. A large jug holds 4 liters of milk. A serving size is 250 mL. If each of the 4 people in Mrs. Franks' family has 2 servings of milk a day, will the 6 jugs be enough milk for one week? Show your work.

