MATH

Mass and liquid volume

Name _____ Date _____

I can measure mass in grams and kilograms and liquid volume in liters.

1 How it works

Light things are measured in grams (g) and heavy things in kilograms (kg). Small amounts of liquid are milliliters (mL) and big amounts are liters (L). On a scale or a jug, read the numbers, then count the small marks between them.





2 Grams or kilograms? Circle one.

g = grams, kg = kilograms

egg g kg	elephant g kg	dog g kg	feather g kg
apple g kg	pencil g kg	bike g kg	watermelon g kg

How did I do? ☆ ☆ ☆

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Read the scale

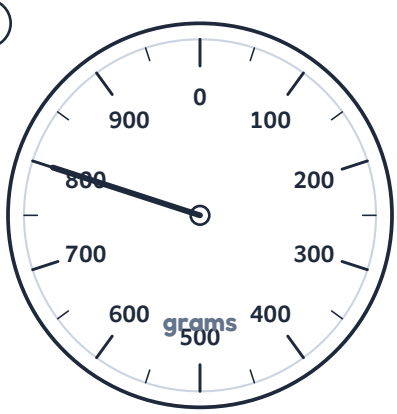
Name _____ Date _____

I can read a scale in grams and kilograms.

1 What does each scale show?

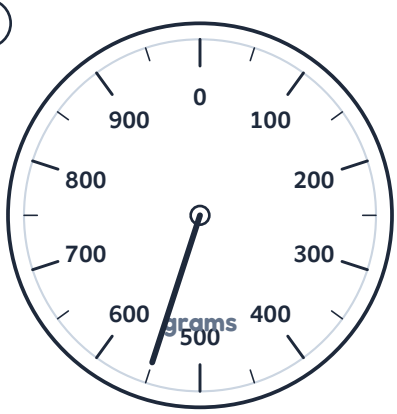
Read the numbers, then count the small marks.

1



_____ g

2



_____ g

3



_____ kg

4



_____ kg

How did I do? ☆ ☆ ☆

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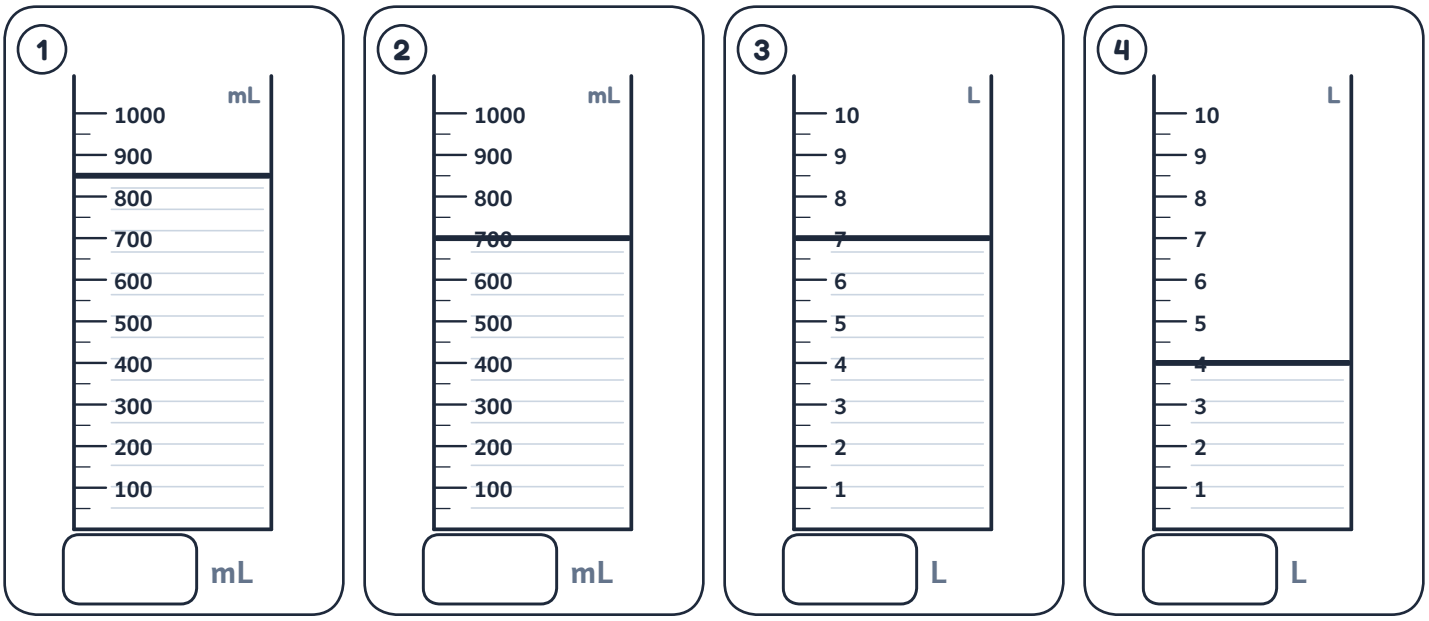
Liquid volume

Name _____ Date _____

I can read liquid volume in milliliters and liters.

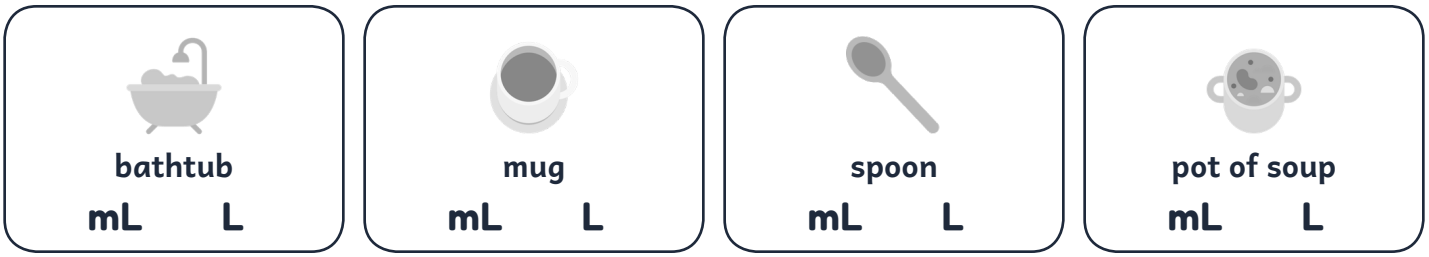
1 How much water is in each jug?

Look at the top of the water.



2 Milliliters or liters? Circle one.

mL = milliliters, L = liters



How did I do? ☆ ☆ ☆

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Word problems

Name _____ Date _____

I can solve problems about mass and liquid volume.

1 Read, think, answer

1 A bag of apples has a mass of 950 grams. A bag of pears has a mass of 600 grams. How much more is the bag of apples?

Answer:

2 Sara's dog has a mass of 18 kilograms. Leo's dog is 7 kilograms lighter. What is the mass of Leo's dog?

Answer:

3 A jar holds 3 liters of water. How many liters do 4 jars hold?

Answer:

4 Noor pours 24 liters of lemonade equally into 6 jugs. How many liters are in each jug?

Answer:

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: mass and liquid volume

1 Page 1

Grams or kilograms: egg g, elephant kg, dog kg, feather g, apple g, pencil g, bike kg, watermelon kg.

2 Page 2

Scales: 1) 800 g, 2) 550 g, 3) 9 kg, 4) 7 kg.

3 Page 3

Jugs: 1) 850 mL, 2) 700 mL, 3) 7 L, 4) 4 L.
Milliliters or liters: bathtub L, mug mL, spoon mL, pot of soup L.

4 Page 4: word problems

1) 350 grams more (950 − 600 = 350)
2) 11 kilograms (18 − 7 = 11)
3) 12 liters (4 × 3 = 12)
4) 4 liters (24 ÷ 6 = 4)

5 Teaching tip

Let children hold a 1-kilogram bag of rice or flour and a paper clip (about 1 gram), and fill a 1-liter bottle, so the units feel real.

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