Lesson 51 Measures word problems (length, weight, capacity)

FLOUR LEFT IN THE BAG

1. A bag holds **1 kg** of flour and **250 g** is used, so subtract to find what is left.
2. Rename so the units match: **1 kg = 1000 g**.
3. Subtract: **1000 g − 250 g = 750 g**.

$$\begin{array}{r} 1000 \\ -\ 250 \\ \hline 750 \end{array}$$

WARM-UP

Read each problem, work it out and write the answer on the line.

1. A rope is 50 cm long. Another rope is 50 cm long. How long are they joined together?
2. A jug holds 2000 ml. You pour out 1000 ml. How much is left?
3. A bag of flour weighs 1 kg. You use 300 g. How many grams are left?

PRACTICE

1. A shopkeeper tapes two strips of price label together, one **40 cm** long and one **35 cm** long. How long is the joined strip?
2. A ribbon on a gift box is **1 m** long. The baker cuts off **25 cm**. How much ribbon is left? Change **1 m** to **100 cm** first.
3. A jug holds **2 l** of orange juice. The waiter fills **3** glasses with **300 ml** each. How much juice is left in the jug?

ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

a. A problem that uses the word 'joined' is solved by adding. ☐

b. A problem that uses the word 'poured out' is solved by adding. ☐

c. A length in metres and a length in centimetres must be changed to the same unit before you add or subtract them. ☐

d. A measures word problem needs you to rename a unit before you work it out. ☐

REFLECT Which part of a measures word problem do you check first — the unit or the operation?

MEASURES