

FLOUR BAG: 2.5 KG TO GRAMS

- 1 Write **2.5** kg on the place-value mat (2 units and 5 tenths).
- 2 Multiply by 1000: slide every digit three places to the left.
- 3 The **2** lands in the thousands column and the **5** lands in the hundreds column.
- 4 Fill the empty ones and tens with zeros to give **2500** g.

WARM-UP

Use the place-value mat. Write one digit in each cell to show each mass.

Th	H	T	U	t	h	th

1. On row 1 write 2.5 kg converted to grams
2. On row 2 write 0.25 kg converted to grams
3. On row 3 write 75 g converted to kilograms

PRACTICE

- 1 Mum buys a **3 kg** sack of potatoes at the market. How many grams is that? _____
- 2 The small sugar pack shows **0.5 kg**. Rewrite the mass in grams for the till receipt. _____
- 3 A block of butter weighs **500 g**. What is that mass in kilograms? _____
- 4 The deli scales show **0.25 kg** of cheese. Convert the reading to grams. _____
- 5 A snack bar of dark chocolate is **75 g**. Write the same mass in kilograms. _____

? ALWAYS, SOMETIMES, NEVER

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

- a. 2.5 kg is the same mass as 2500 g ☐
- b. To change kilograms into grams you multiply by 1000 ☐
- c. 300 g is the same mass as 3 kg ☐
- d. A mass written with a decimal in kilograms becomes a whole number of grams ☐