

ONE HALF AND ITS DECIMAL TWIN

- 1 Shade a bar to show one half of a cake.
- 2 Line the shaded bar up beside a tenths strip.
- 3 The shaded edge lands exactly on five tenths.
- 4 Five tenths is written **0.5**, so one half = 0.5.

WARM-UP

Use the fraction strips. Shade each one and write its decimal twin beside it.



1. Shade one half of a strip and write 0.5 beside it
2. Shade one tenth of a strip and write 0.1 beside it
3. Shade one quarter of a strip and write 0.25 beside it

PRACTICE

- 1 You eat one fifth of a chocolate bar from the shop. What decimal shows the same amount? _____
- 2 Seven tenths of a bag of sweets is left after shopping. Write its decimal twin. _____
- 3 Three tenths of a bottle of juice is poured for a recipe. What decimal matches it? _____
- 4 Three quarters of a litre of milk is used in baking. Write the matching decimal in litres. _____
- 5 You spend **0.25** of a euro on fruit at the market. Which simple fraction is the same amount? _____
- 6 A shop labels **0.3** of a cheese block as sold. What fraction names the same share? _____

SPOT THE MISTAKE

Oisín says one half as a decimal like this:

$$\frac{1}{2} = 0.2$$

Oisín is wrong. What is the correct decimal for one half? Explain.

REFLECT

Which twin is easier for you to picture — the fraction or the decimal?