

# Unit 5

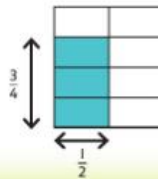
## Fractions 2



In this unit we will ...

- ✦ Multiply any fraction by a whole number or another fraction
- ✦ Divide a fraction by a whole number
- ✦ Solve problems involving all four operations with fractions
- ✦ Solve problems involving a fraction of an amount

You will be able to multiply a fraction by a fraction by showing each fraction on the side of a grid. What is  $\frac{1}{2} \times \frac{3}{4}$ ?



We will need some maths words. How many of these can you remember?

- numerator
- denominator
- whole number
- mixed number
- convert
- simplify
- integer
- improper fraction
- proper fraction

We can use a fraction strip above a number line to help us multiply a fraction by a whole number and convert between improper fractions and mixed numbers. What is  $\frac{2}{3} \times 4$  as a mixed number?



# Unit 6

## Measure – imperial and metric measures



In this unit we will ...

- ⚡ Choose the most appropriate metric units of measurement to measure different things
- ⚡ Convert between metric units, between imperial units and from one to the other
- ⚡ Solve problems involving metric units
- ⚡ Recognise the difference between metric and imperial units of measurement and what they are worth

What is 1 inch about the same as?  
What are 5 inches about the same as?

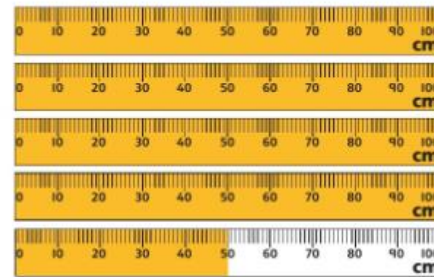
5 inches				
1 inch	1 inch	1 inch	1 inch	1 inch
2.5 cm	2.5 cm	2.5 cm	2.5 cm	2.5 cm



Here are some maths words we will be using. Which words are new to you?

- metric
- imperial
- units of measurement (or measure)
- grams (g)
- kilograms (kg)
- pounds (lbs)
- ounces (oz)
- feet (ft)
- yards
- millilitres (ml)
- litres (l)
- pints
- capacity
- millimetres (mm)
- centimetres (cm)
- metres (m)
- kilometres (km)
- inches (in)
- mass
- miles
- length
- convert
- conversion table
- conversion graph

If there are 100 cm in a metre, how would you convert 4.5 m into centimetres?



1 m = 100 cm



