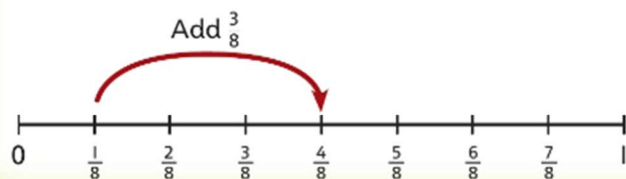# Unit 11
Fractions ②

In this unit we will ...
- ⚡ Add and subtract fractions
- ⚡ Calculate fractions of a set of objects
- ⚡ Find fractions of amounts
- ⚡ Solve word problems about fractions
- ⚡ Solve word problems about finding fractions of amounts and measures

Do you remember what this is called? Use it to find what fraction is $\frac{3}{8}$ more than $\frac{1}{8}$.

Add $\frac{3}{8}$

0 $\frac{1}{8}$ $\frac{2}{8}$ $\frac{3}{8}$ $\frac{4}{8}$ $\frac{5}{8}$ $\frac{6}{8}$ $\frac{7}{8}$ 1

We will need some maths words. Which of these have you met before?

numerator   denominator

add   subtract   fraction

whole   equal to   multiply

divide   parts   set of objects

We will need fraction strips too. Use the information in the fraction strip and number line to work out what fraction is shaded.

0    $\frac{3}{8}$ 1

Unit 12
Money

In this unit we will ...
- ⚡ Record money in £ and p
- ⚡ Convert money
- ⚡ Add and subtract amounts of money
- ⚡ Solve problems including ones that involve finding change

In Year 2, we counted money in pounds and in pence. How much money is here?

We will need some maths words. How many of these can you remember?
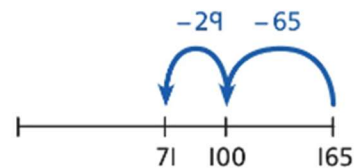
pounds (£)   pence (p)
convert   total
difference   change

We will also need to be able to add and subtract numbers. What calculations are shown here?

H	T	O
	5	6
+	7	9
1	3	5
	1	

−29   −65

71   100   165

Unit 13
Time

In this unit we will …
⚡ Learn about Roman numerals
⚡ Learn about hours, days, months and years
⚡ Estimate times
⚡ Tell the time to the nearest minute
⚡ Calculate start and end times
⚡ Solve time problems

We will be using some maths words. Do you recognise any of these?

numerals   month   year   midnight
midday   am   pm
duration   hour   minute
second   past   to
start   end   digital clock

Do you remember how to count the number of minutes past or to an o'clock time?

5 minutes
10 minutes
15 minutes
20 minutes
25 minutes

5 minutes
10 minutes
15 minutes
20 minutes
25 minutes

How do you know what the time is?

Unit 14
Angles and properties of shapes

In this unit we will ...
- ⚡ Learn about turns
- ⚡ Learn what a right angle is
- ⚡ Understand and draw parallel and perpendicular lines
- ⚡ Identify and draw vertical and horizontal lines
- ⚡ Recognise and describe right angles and parallel and perpendicular lines in 2D shapes
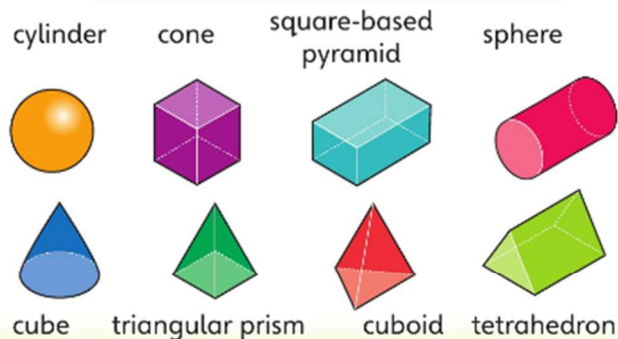- ⚡ Recognise, describe and construct 3D shapes

We will see some different 2D shapes. Which of these are quadrilaterals?

We will need some maths words. Which of these have you heard before?

right angle   acute   obtuse   parallel
perpendicular   vertical   horizontal
triangle   quadrilateral   kite   trapezium
rhombus   parallelogram   cuboid
triangular prism   square-based pyramid   cone
tetrahedron   cylinder   sphere   edges
faces   vertices   clockwise   anticlockwise

We will look at 3D shapes too. Can you match the names to all these shapes?
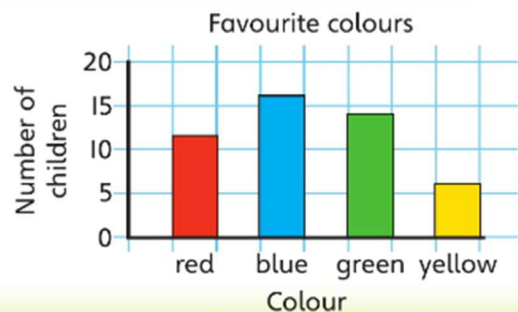
cylinder   cone   square-based pyramid   sphere

cube   triangular prism   cuboid   tetrahedron

We will need some maths words. Which ones have you seen before?

pictogram   key   bar chart

scale   table   row

column   vertical axis

In this unit we will …

⚡ Present information in different ways
⚡ Use pictograms, bar charts and tables
⚡ Answer questions based on information that is presented in different ways

This looks like the block diagrams we used last year. I wonder what it is called.

We need pictograms too! Work out how many people like skiing.

Favourite colours

Number of children

20
15
10
5
0

red   blue   green   yellow

Colour

Sport	Number of people
skiing	☺ ☺ ☺ ☺ ☺
snowboarding	☺ ☺ ☺ ☺ ☺ ☺

Key: Each ☺ represents 2 people.