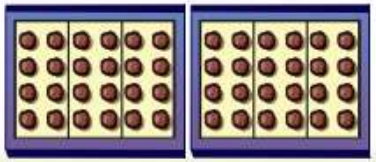
Unit 6
Multiplication and division 2

In this unit we will...

- Learn how to find and use factor pairs
- Learn how to multiply a number using the written method
- Learn how to multiply and divide numbers in our heads
- Find the remainder when a number is divided

We have already learnt the times-tables. Can you use the multiplication facts to work out how many chocolates I have? Is there a quicker way?

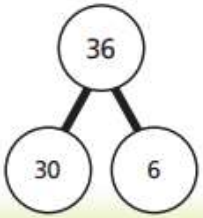


We will need some maths words. How many of these have you used before?

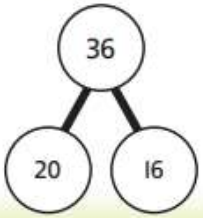
multiply	divide	times-tables
remainder	bar model	factor pair
	factors	

We need to know how to partition a number when we multiply and divide and can use a part-whole model. Is there another way to partition 36?

36 = 30 + 6



36 = 20 + 16



Unit 7
Length and perimeter

In this unit we will ...

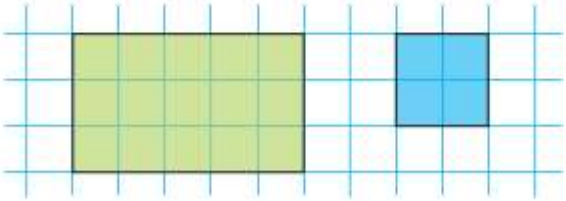
- Convert between kilometres and metres
- Find perimeters of shapes
- Work out missing lengths
- Find solutions involving perimeter

Do you remember how to measure length using squares? How long is this line?

We will need some maths words. Which of these are new?

length | width | perimeter | distance | rectangle | square | rectilinear shape | centimetre (cm) | metre (m) | kilometre (km) | equivalent to | regular polygon

What do you remember about the sides of a rectangle and a square?

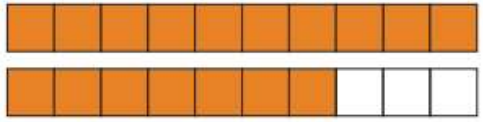


Unit 8
Fractions I

In this unit we will ...

- Look at fractions that are greater than I
- Convert between mixed numbers and improper fractions
- Identify equivalent fractions
- Simplify fractions

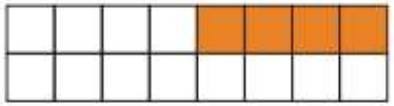
How many tenths are shown here?



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

mixed number | improper fraction | numerator | denominator | fraction | equivalent | simplify | simplest fraction

Which one of these fractions is not equivalent to the others?



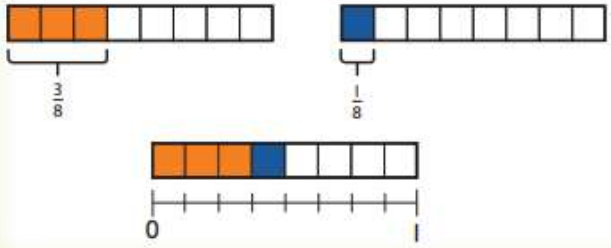
Unit 9
Fractions 2

In this unit we will ...

- Learn to add and subtract fractions with the same denominator
- Learn to subtract a fraction from a whole number
- Understand how to find a fraction of an amount

We will use fraction strips to add and subtract fractions.

$\frac{3}{8} + \frac{1}{8} = \frac{4}{8}$



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

numerator | denominator | add | subtract | improper fraction | mixed number | fraction of an amount

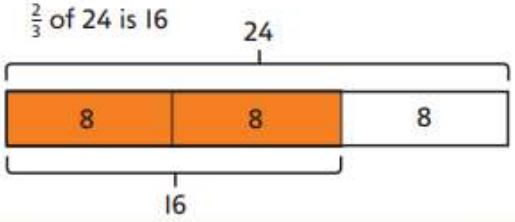
You need to be able to find a fraction of an amount.

Find $\frac{2}{3}$ of 24.

$24 \div 3 = 8$

$8 \times 2 = 16$

$\frac{2}{3}$ of 24 is 16



Unit 10
Decimals 1

In this unit we will ...

- Learn about the decimal point, and tenth and hundredth columns
- Explore tenths and hundredths as decimals
- Understand how to divide 1- and 2-digit numbers by 10 and 100
- Complete calculations resulting in a decimal answer

Here is a place value grid. Which columns have we used before? Which columns are new? Is there anything else we have not seen before?

T	O	•	Tth	Hth
1	2	•	3	4

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

tens | ones | decimal point

tenths | hundredths | equivalent

decimal | centimetre | millimetre

We will need this too! What number should be shown at X?