

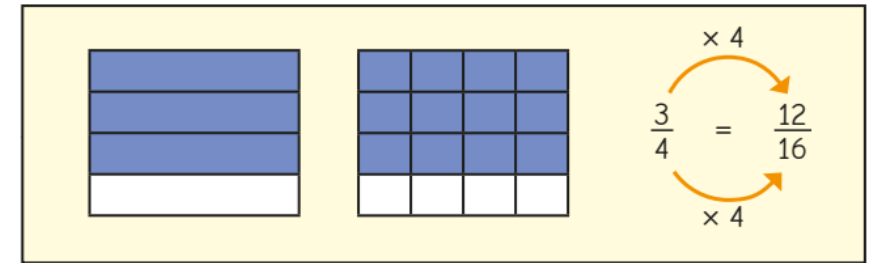
Last term

			4	2	3	6			
	x				5	2			
<hr/>									
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			3	4	7	2			
	x				6	4			
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Previous learning

Scott uses diagrams and multiplication and division skills to find equivalent fractions.



Use Scott's method to find the missing numbers.

$\blacktriangleright \frac{3}{5} = \frac{\square}{20}$    
 $\blacktriangleright \frac{4}{9} = \frac{\square}{27}$    
 $\blacktriangleright \frac{16}{\square} = \frac{2}{3}$    
 $\blacktriangleright \frac{\square}{6} = \frac{25}{30}$

We are currently learning

Write  $\frac{117}{100}$  as a mixed number and as a decimal number.

We are learning next

Write  $>$  or  $<$  to compare the numbers.

Use a place value chart and counters to help you.

$0.465 \bigcirc 0.913$        $0.067 \bigcirc 0.029$   
 $1.546 \bigcirc 0.894$        $0.071 \bigcirc 0.007$

Last term

Write  $<$ ,  $>$  or  $=$  to compare the calculations.

$$4,458 \times 56 \bigcirc 4,523 \times 54$$

$$4,458 \times 55 \bigcirc 4,523 \times 54$$

$$4,458 \times 55 \bigcirc 4,522 \times 54$$

Did you need to work out the calculations each time?

Previous learning

A square number is found by multiplying a number by itself.

 $5^2 = 5 \times 5$  and is said as "5 squared".What is the value of  $5^2$ ?

Work out the values of the square numbers.

$4^2$	$9^2$	$10^2$	$8^2$	$7^2$
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We are currently learning

Use the fact that  $\frac{1}{10} = \frac{10}{100}$  and  $\frac{1}{100} = \frac{10}{1000}$  to complete the equivalent fractions.

$$\triangleright \frac{1}{10} = \frac{\square}{1000} \quad \triangleright \frac{4}{100} = \frac{\square}{1000} \quad \triangleright \frac{800}{1000} = \frac{\square}{100} = \frac{\square}{10}$$

We are learning next

Write the decimals and percentages in ascending order.

80%	0.08	0.88	18%	81%
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Last term

7,843  $\div$  5 will  
have a remainder.



Explain how Tiny knows this.

Previous learning

Filip is using square numbers to help work out cube numbers.

Here are his workings.

$$\begin{aligned} 7^3 &= 7 \times 7 \times 7 \\ &= 49 \times 7 \\ &= 343 \end{aligned}$$

			4	9	
	x			7	
		3	4	3	
			6		

Use Filip's method to work out  $8^3$  and  $9^3$

We are currently learning

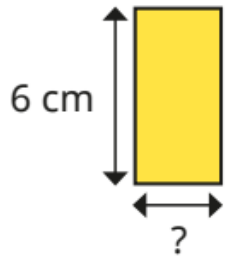
What are the fraction and decimal equivalents of 92%?

What are the percentage and decimal equivalents of  $\frac{28}{100}$ ?

We are learning next

The perimeter of this rectangle is 18 cm.

What is the width of the rectangle?



Last term

A train has 14 carriages.  
 Each carriage can carry 42 people.  
 512 people have reserved a seat.  
 How many unreserved seats are there?



Previous learning

Complete the calculations.

You can use a place value chart to help you.

▶  $156 \times 100 = \underline{\hspace{2cm}}$

▶  $\underline{\hspace{2cm}} = 324 \times 100$

▶  $100 \times 36 = \underline{\hspace{2cm}}$

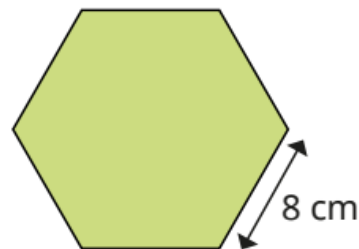
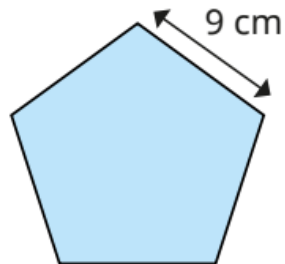
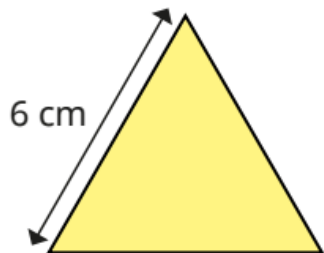
▶  $1,000 \times 207 = \underline{\hspace{2cm}}$

▶  $45,020 \times 10 = \underline{\hspace{2cm}}$

▶  $\underline{\hspace{2cm}} = 3,406 \times 100$

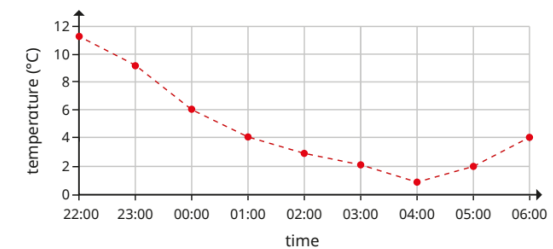
We are currently learning

Work out the perimeter of each regular shape.



We are learning next

The graph shows the night-time temperatures in a garden.



- ▶ How often was the temperature recorded?  
How do you know?
- ▶ What was the temperature at midnight?
- ▶ Is it possible to tell the exact temperature at 02:30? Why?
- ▶ What was the highest recorded temperature?  
At what time did this temperature happen?
- ▶ What was the lowest recorded temperature?  
At what time did this temperature happen?
- ▶ What is the difference between the highest and the lowest temperature?
- ▶ What else can you find out?

## Last term

Complete the multiplications.  
Give your answers as mixed numbers.

▶  $\frac{3}{13} \times 5$       ▶  $6 \times \frac{5}{7}$       ▶  $\frac{6}{11} \times 9$       ▶  $8 \times \frac{7}{12}$

## Previous learning

Tom uses a bar model to convert  $2\frac{3}{5}$  to an improper fraction.  
Complete Tom's workings.

$2\frac{3}{5} = \underline{\quad}$  wholes +  $\underline{\quad}$  fifths  
 $2$  wholes =  $\underline{\quad}$  fifths  
 $\underline{\quad}$  fifths +  $\underline{\quad}$  fifths =  $\underline{\quad}$  fifths  
 $2\frac{3}{5} = \frac{\square}{5}$

Use Tom's method to convert  $3\frac{2}{3}$ ,  $2\frac{5}{6}$ ,  $4\frac{3}{4}$  and  $7\frac{1}{2}$  to improper fractions.

## We are currently learning

The two-way table shows the staff at a police station.

	No glasses	Glasses	Total
Constable	55	24	79
Sergeant	8	5	13
Inspector	2	4	6
Chief Inspector	1	1	2
Total	66	34	100

- ▶ How many inspectors wear glasses?
- ▶ How many sergeants do not wear glasses?
- ▶ How many constables are there altogether?
- ▶ How many people work at the police station?

## We are learning next

The minute hand turns from the start time to the end time.  
Use the clock to help you complete the table.

Start time	End time	Degrees
3 o'clock	quarter to 4	
4:10 pm	4:40 pm	
5:30 am		270°
	21:05	90°

