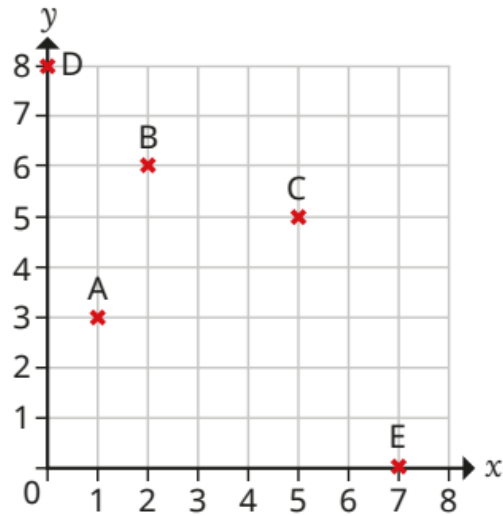


Last term

Write the coordinates of each point.



Previous learning

What is the value of the 4 in each number?

124,306

245,812

402,001

321,247

604,513

45,872

We are currently learning

Filip is writing a report.

He writes the first 460 words on Monday and another 735 words on Tuesday.

The report must be at least 2,500 words long.

How many more words does Filip need to write?

We are learning next

How can you tell by looking at a number if it is a multiple of 2?

Which of these numbers are multiples of 2?

62

48

104

401

86

68

612





620

Complete the sentence.

Multiples of 2 are called _____ numbers.

Last term

The pictogram shows the number of children who visited a park last week.

Day	Number of children
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

Key
 = 10 children

- ▶ How many children visited the park on Monday?
- ▶ How many children visited the park on Wednesday?

Previous learning

Use the column method to work out the additions.

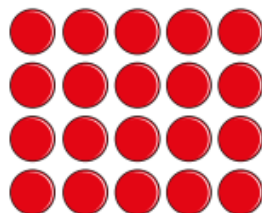
		4	7	
	+	3	8	
		<hr/>		
		<hr/>		

		2	4	7	
	+	5	3	8	
		<hr/>			
		<hr/>			

		3	6	4	7		
	+	4	9	2	8		
		<hr/>					
		<hr/>					

We are currently learning

The array shows that 4 and 5 are factors of 20



How many other arrays can you make using 20 counters?

Use your arrays to find all the factors of 20

We are learning next

A prime number has exactly two factors: 1 and itself.

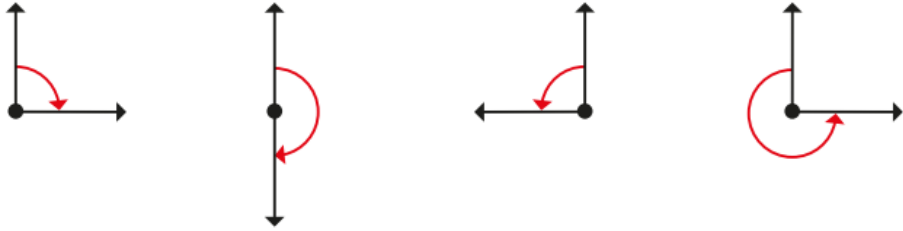
A composite number has more than two factors.

Which of the numbers are prime and which are composite?



Last term

- Match the turns to the labels.



half turn
clockwise

quarter turn
anticlockwise

quarter turn
clockwise

three-quarter turn
anticlockwise

Previous learning

Complete the calculations.

Use the bar models to help you.

$$97 + 54 = 100 + \underline{\quad}$$

97	54
100	

$$56 + 229 = \underline{\quad} + 100$$

56	229
	100

We are currently 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
-------	-------	--------	-------	-------

We are learning next

$$604,000 \div 10 = \underline{\quad}$$

$$604,000 \div 100 = \underline{\quad}$$

$$604,000 \div 1,000 = \underline{\quad}$$

HTh	TTh	Th	H	T	O
6	0	4	0	0	0

Last term

Complete the sentences.

There are _____ days in a week.

There are _____ months in a year.

There are _____ days in an ordinary year.

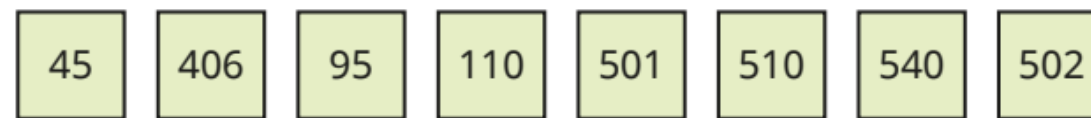
There are _____ days in a leap year.

Leap years happen every _____ years.

Previous learning

How can you tell by looking at a number if it is a multiple of 5?

Which of these numbers are multiples of 5?



Which of the numbers are also multiples of 10?

We are currently learning

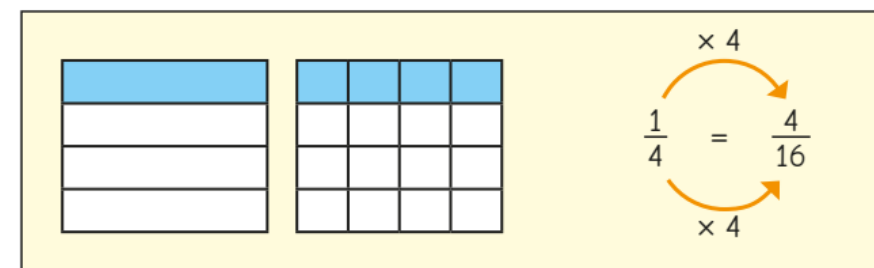
Complete the calculations.

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 learning next

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



Use Whitney's method to find the missing numbers.

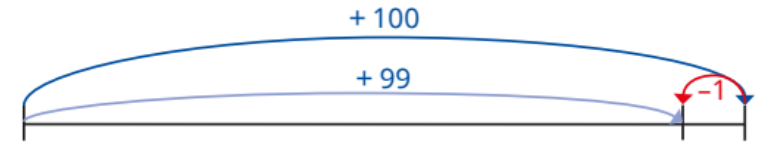
- | | | | |
|--------------------------------------|--------------------------------------|-------------------------------------|--------------------------------------|
| ▶ $\frac{1}{2} = \frac{\square}{12}$ | ▶ $\frac{1}{5} = \frac{\square}{30}$ | ▶ $\frac{4}{\square} = \frac{1}{3}$ | ▶ $\frac{\square}{6} = \frac{5}{30}$ |
|--------------------------------------|--------------------------------------|-------------------------------------|--------------------------------------|

Last term

Match the Roman numerals to the numbers.

DC	460
CD	950
CCCXX	400
DXC	590
CML	600
CDLX	320

Previous learning The number line shows a method for adding 99 mentally.



Use the number line to help you add 99 to 687

Use a similar number line to help you subtract 99 from 687

Work out the calculations.

$$3,724 + 999$$

$$3,724 - 999$$

$$3,724 + 990$$

$$3,724 - 990$$

We are currently learning

Whitney has found a rule for identifying multiples of 4



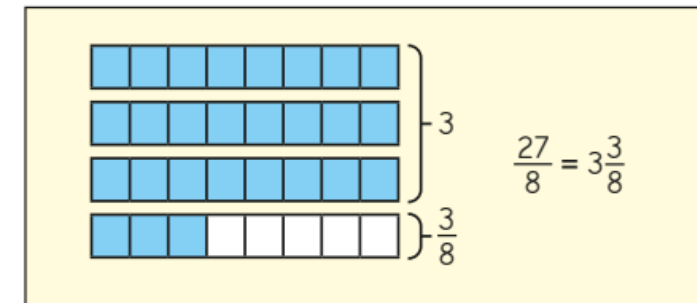
If you halve a number and get an even answer, then the number is a multiple of 4

Use Whitney's rule to find out which of the numbers are multiples of 4

64	46	104	82	90	96	120	248
----	----	-----	----	----	----	-----	-----

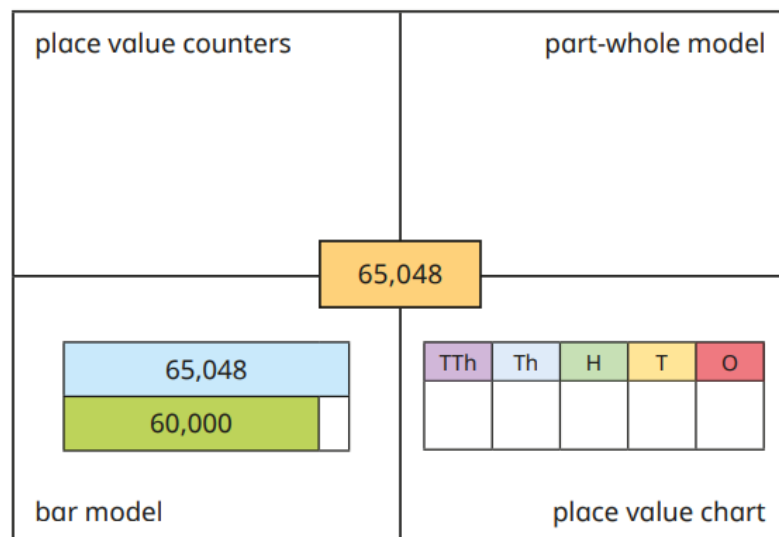
Find a rule to test if a number is a multiple of 8

We are learning next

Tommy uses a bar model to convert the improper fraction $\frac{27}{8}$ to a mixed number.Use Tommy's method to convert $\frac{25}{8}$, $\frac{26}{8}$, $\frac{18}{7}$ and $\frac{19}{4}$ to mixed numbers.

Last term

Complete the grid to show the number in different ways.



Previous learning

Find the answers to the calculations.

In each case decide whether a mental method or written method is more appropriate.

$$12,724 + 43,610$$

$$63,800 + 2,002$$

$$9,999 + 8,712$$

$$313,500 + 89,019$$

We are currently learning

Nijah rings a bell every 6 seconds.

Dani blows a whistle every 8 seconds.

They start by ringing the bell and blowing the whistle at the same time.

How many times will they ring the bell and blow the whistle at the same time in the next minute?

We are learning next

Order each set of fractions, from smallest to greatest.

$$\frac{1}{5} \quad \frac{1}{8} \quad \frac{1}{6} \quad \frac{1}{10} \quad \frac{1}{7} \quad \frac{1}{3} \quad \frac{1}{9}$$

$$\frac{7}{9} \quad \frac{5}{9} \quad \frac{1}{3} \quad \frac{1}{9} \quad \frac{2}{9} \quad \frac{6}{9} \quad \frac{9}{9}$$

$$\frac{9}{20} \quad \frac{9}{10} \quad \frac{9}{100} \quad \frac{9}{1000} \quad \frac{9}{15} \quad \frac{9}{40}$$

Last term

Write the numbers in words.

1,256

12,560

125,600

120,560

120,506

You could write the numbers in a place value chart to help you.

Previous learning

The population of Hereford is 63,689

The population of Chester is 87,593

Find the difference between the population of Hereford and the population of Chester.

We are currently learning

Which numbers are factors of 60?

9

6

8

4

12

5

60

15

45

Which factors of 60 are not shown?

We are learning next

What common denominator would you use to work out these additions?

$$\frac{1}{2} + \frac{5}{6} + \frac{7}{12}$$

$$\frac{2}{5} + \frac{7}{20} + \frac{9}{10}$$

$$\frac{4}{15} + \frac{2}{3} + \frac{11}{30}$$

Work out the additions.

Last term

How many tens are there in 100?

How many tens are there in 1,000?

How many tens are there in 2,000?

How many hundreds are there in 2,000?

Previous learning

Esther and Brett are playing a computer game.

Esther scores 8,524 points.

The total of both their scores is 19,384

How many points did Brett score?

We are currently learning

List all the factors of 8

List all the factors of 20

What are the common factors of 8 and 20?

How many common factors do 8 and 20 have?

We are learning next

- Complete the calculations.

		2	3	2	3		
	x				4		

		2	4	5	1		
	x				2		

		1	3	4	2		
	x				6		

Last term

Move the place value counters around and make exchanges to help you complete the partitions.



$$32,426 = 30,000 + 2,000 + \underline{\quad\quad} + 20 + 6$$

$$32,426 = 20,000 + \underline{\quad\quad} + 400 + 10 + \underline{\quad\quad}$$

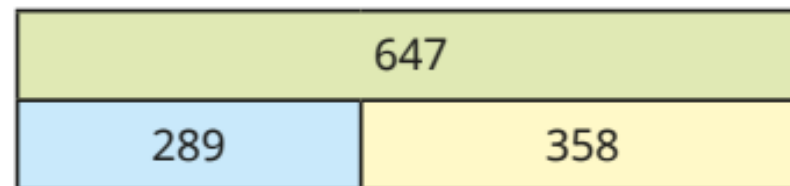
$$32,426 = 10,000 + 22,000 + \underline{\quad\quad} + \underline{\quad\quad}$$

Is there more than one answer for any of these?

Find other ways to partition the number.

Previous learning

Write two additions and two subtractions shown by the bar model.

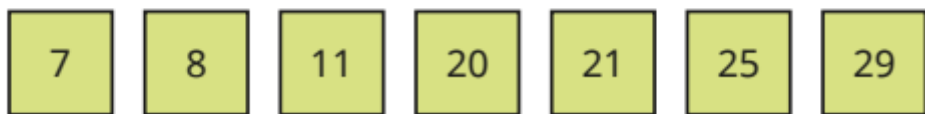


We are currently learning

A prime number has exactly two factors: 1 and itself.

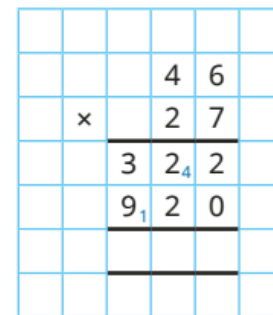
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Which of the numbers are prime and which are composite?



We are learning next

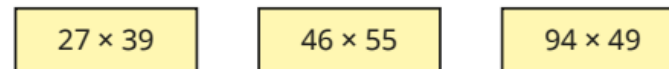
Complete the calculation.



($\underline{\quad\quad} \times \underline{\quad\quad}$)

($\underline{\quad\quad} \times \underline{\quad\quad}$)

Use this method to work out the multiplications.



Last term

31,409 people attend a football match.

Round the number of people at the match to the nearest 100

Round the number of people at the match to the nearest 1,000



Previous learning

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

$$47 + 28 \bigcirc 37 + 28$$

$$64 + 91 \bigcirc 91 + 64$$

$$651 - 286 \bigcirc 651 - 283$$

We are currently learning

Use the models to write equivalent fractions.



Make or draw more models to show other fractions equivalent to unit fractions.

We are learning next

Complete the calculation to work out 123×23

			1	2	3	
	\times			2	3	
			3	6	9	(123×3)
			2	4	6	0
						(123×20)

Use this method to work out the multiplications.

$$312 \times 13$$

$$243 \times 21$$

$$202 \times 34$$

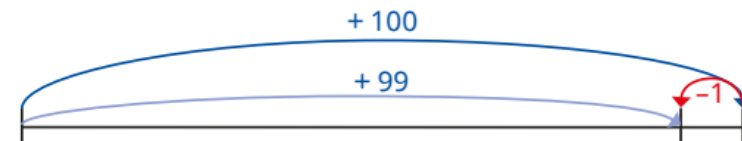
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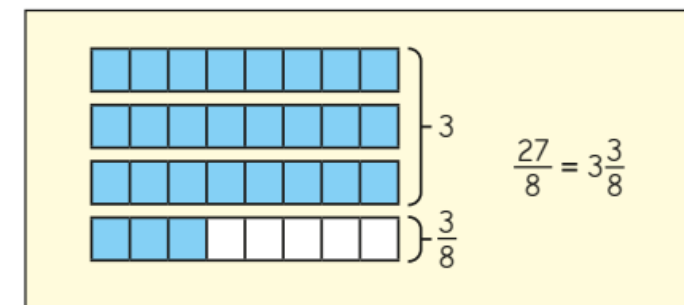
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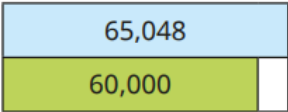
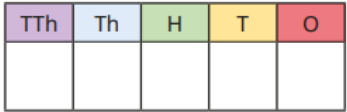
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Last term

Complete the grid to show the number in different ways.

place value counters	part-whole model
65,048	
	
bar model	place value chart

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In each case decide whether a mental method or written method is more appropriate.

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	×				4		

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	×				2		

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	×				6		

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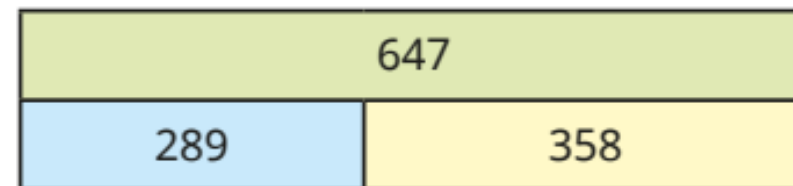
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Complete the calculation.

			4	6	
	x		2	7	
			3	2	2
			9	2	0

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($\underline{\quad\quad}$ \times $\underline{\quad\quad}$)

Use this method to work out the multiplications.

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