

1st November

Corbettmaths

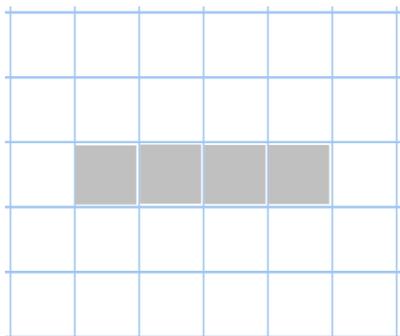
A minibus can hold 16 passengers.

How many passengers can travel in 9 minibuses?

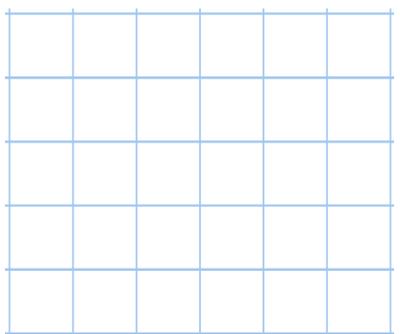
8cm**3cm**

Find the perimeter of the rectangle.

Draw a 120 degree angle



Shade two more squares so that the shaded shape is a net of a cube.



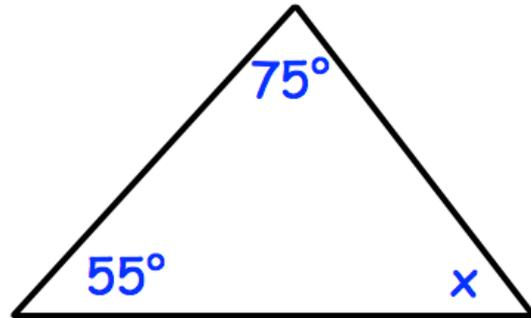
Shade six more squares to create a different net of a cube.

2nd November

Corbettmaths

$$-5 + 6$$

Find x



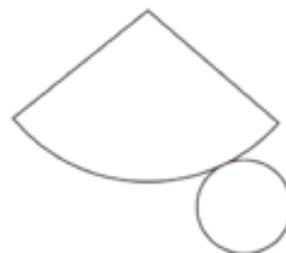
Write these numbers in order of size.
Start with the smallest number.

0.507 0.75 0.5 0.078

Change 132cm into metres.

Change 98cm into metres.

Write down the shape that is made from
Net B.



3rd November

Corbettmaths

Jennifer is paid £9 an hour.
Kate is paid £8 an hour.

On a Saturday, Jennifer works 5 hours and Kate works 6 hours.

Who earns more?

Write down the first five multiples of 8.

Write down all the factors of 50.

$$\sqrt{25} + 5^2$$

A car park is open from 7am until 10pm.

200 cars enter the car park between 7am and 9am.

$\frac{1}{4}$ of these cars are red.

How many red cars enter the car park between 7am and 9am.

Another 63 cars enter the car park between 9am and 11am.

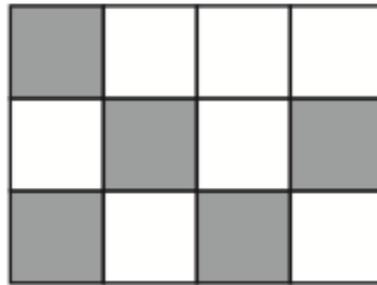
Nathanael says $\frac{1}{2}$ of these cars are red.

Explain why he is wrong.

4th November

Corbettmaths

What fraction of the shape is shaded?

 $\sqrt{49}$

Calculate the perimeter of a rectangle that has length 13cm and width 4cm.

Work out $\frac{2}{5}$ of 25

David runs for 420 seconds.

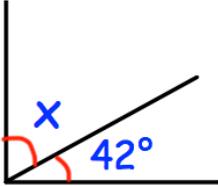
How many minutes is this?

5th November

Corbettmaths

Work out the product of 12 and 3

Work out the difference between 90 and 35

Find x

A footballer plays 20 matches in a season.
In each match he plays 90 minutes.

Work out the total number of minutes he played.



Raffle Tickets
40p each

Georgia sells 5 books of raffle tickets.
There are 10 tickets in each book.

How much money does Georgia raise?

	France	Germany	Poland	Portugal	Spain
Medals won	34	44		1	17

The table shows how many medals were won in the 2012 olympics by 5 countries.

The total number of medals won by these countries was 106.

How many medals did Poland win?

6th November							
Work out 3^2	Work out $\sqrt{36}$						
Here is a list of numbers 12 18 23 49 50 21 (a) Write down a prime number	(b) Write down a square number						
Work out $5.7 - 3.62$							
Find the value of 115×27							
<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr></table> A card is picked at random	1	2	3	4	5	6	Write down the probability that the card is a number 5
1	2	3	4	5	6		



7th November

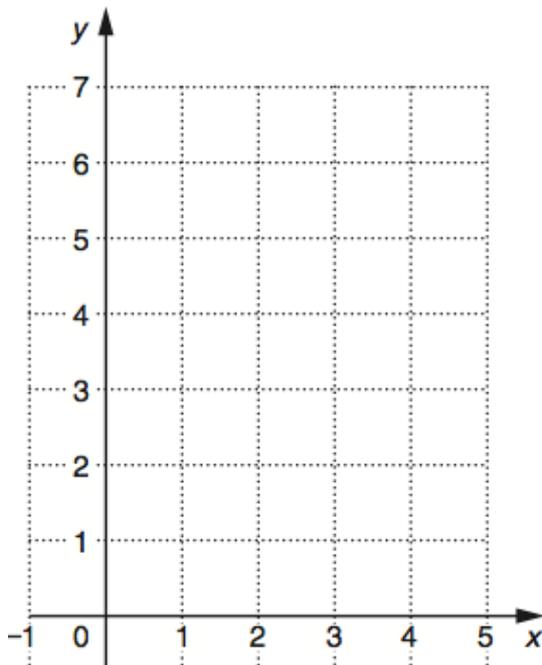


Corbettmaths

List the first five square numbers

Double 336

$$9.2 + 1.25 + 3.66$$



Plot the coordinate A (1, 3)

Plot the coordinate B (5, 5)

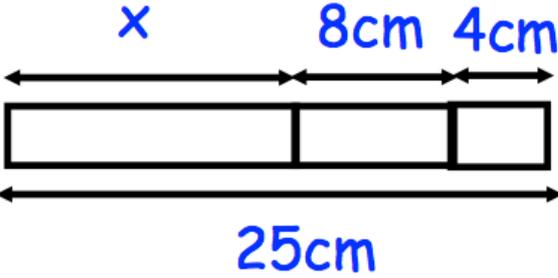
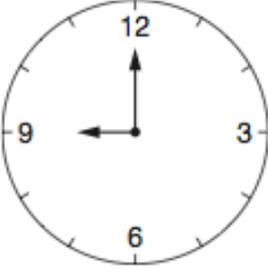
C is the midpoint of AB.

Write down the coordinates of C.

Complete the pictogram

Key ○ = £10

Tutor group	Raised
S	£50
T	£30
E	£15
P	£40

8th November		 Corbettmaths
Work out 50% of £40	Work out 25% of 24cm	
<p style="text-align: center;">3 6 12 24</p> <p>What is the rule for the sequence above?</p>	What are the next two numbers?	
How many days are there in four consecutive years?		
 <p style="text-align: center;">x 8cm 4cm</p> <p style="text-align: center;">25cm</p>	Find x	
	<p>Matt arrives at school at the time shown.</p> <p>He left his house twenty five minutes earlier.</p> <p>What time did he leave?</p>	

9th November	
12^2	 Corbettmaths
<p>The circumference of the Earth is forty thousand and seventy five kilometres.</p> <p>Write forty thousand and seventy five in figures.</p>	
<p>123 119 115</p> <p>Write down the next two terms</p>	<p>22 cannot be a term in this sequence.</p> <p>Why?</p>
<p>Mrs O'Hagan gave her class a test. Two thirds of the class passed the test.</p> <p>There are 27 students in the class.</p> <p>How many failed the test?</p>	
<p>The probability of a football team winning a match is 80%.</p> <p>The probability of the team drawing is 13%</p>	<p>What is the probability of the team losing the match?</p>

10th November

Corbettmaths

Jennifer is paid £7 an hour.
Kate is paid £8 an hour.

On a Saturday, Jennifer works 7 hours and Kate works 6 hours.

Who earns more?

List the first five multiples of 8.

Lisburn	0613
Hilden	0616
Lambeg	0617
Derriaghy	0620
Dunmurry	0623
Finaghy	0626
Balmoral	0629
Adelaide	0631
Great Victoria Street	0635

How long is the train journey from Lisburn to Balmoral?

Draw a shape with 4 lines of symmetry

Express 50p as a percentage of £10.

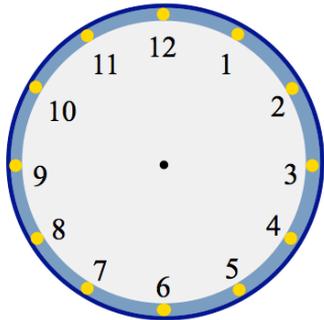
11th November



Corbettmaths

Draw a hexagon

What is the name of a 7 sided shape?



Show the time 4.25 on the clock

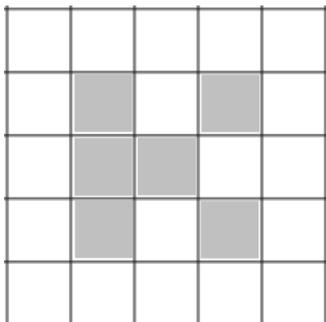
Complete the tally chart

Green Red Green Green White
 Blue Green Red Red Red
 Red Red Green Blue Red

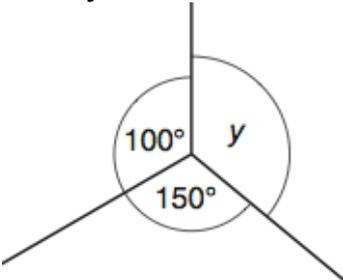
Colour	Tally	Frequency
Blue		
White		
Red		
Green		

Victoria thinks 33 is a prime number.

Explain why she is wrong.



Shade in one more square to make a pattern with 2 lines of symmetry.

12th November	
Work out 25% of 40	Work out 10% of 40
Three consecutive numbers add to 27. What are they?	
Find y . 	
$\sqrt{49}$	$\sqrt{121}$
Menu Burger 90p Egg 70p Chips 80p Mash 65p Drink 55p	Geoff buys 3 burgers and 1 drink. How much will he have to pay?

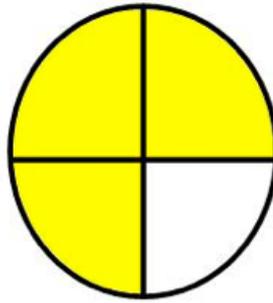


13th November

Corbettmaths

What fraction of the shape is shaded?

What percentage of the shape is shaded?



What number is halfway between 7 and 8?

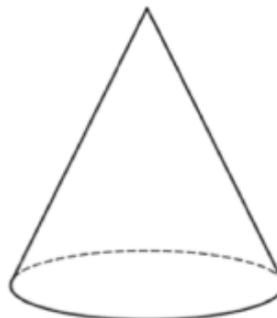
What number is halfway between 1.4 and 1.5?

.....% of 60 = 30

.....% of 60 = 15

 154×27

What is the mathematical name of this solid?

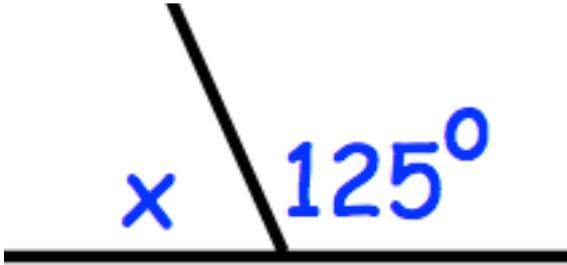


14th November

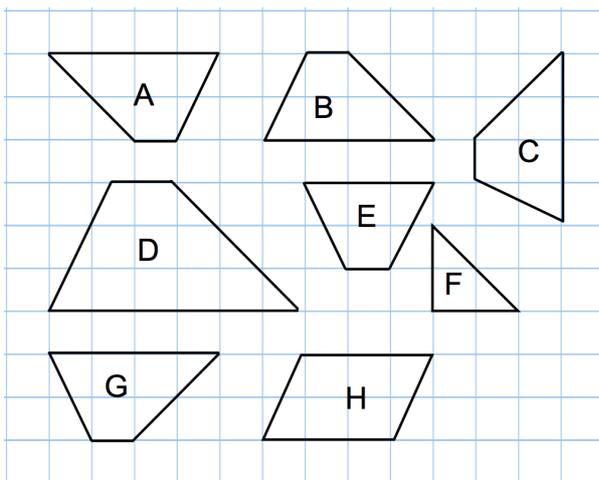
Corbettmaths

What number is halfway between 30 and 90?

What number is halfway between 20 and 70?



Find x



Name shape A

Write down the letters of the shapes which are congruent to shape A

Paul is a car salesman.
He is paid £350 per week and £120 for every car he sells.

In one week, he sells 3 cars.
How much is he paid that week?

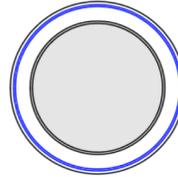
15th November

Corbettmaths

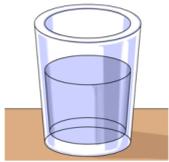
Write 3 metres in centimetres

Write 0.7 metres in centimetres

Which metric unit would you use to measure the following?



The diameter of a plate.



The amount of water in a glass



The weight of an airplane

Burger	£4.50
Salad	£2.75
Chips	£2.85
Drink	£1.80

Steve buys a burger, a salad and a drink.

How much change will he get from £10?

The temperatures in a city over a six days in December were:

1°C 3°C -2°C 0°C 4°C -8°C

Arrange the temperatures in order, starting with the warmest.

16th November



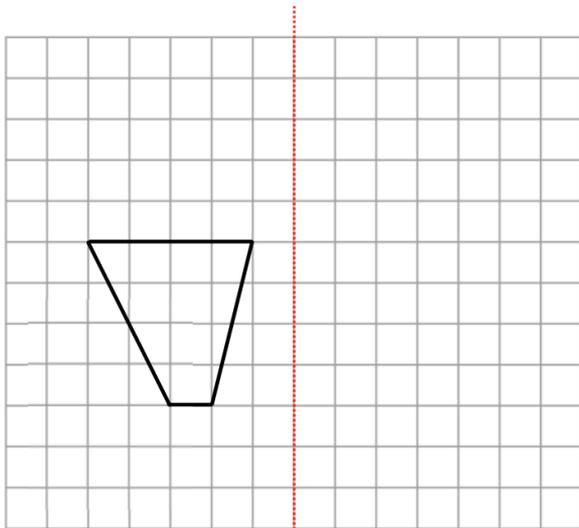
Corbettmaths

Draw a right angle

Draw a reflex angle

$5 \dots\dots 2 = 13 \dots\dots 3$

$12 \dots\dots 3 = 6 \dots\dots 2$



Mirror Line

Name the shape drawn on the grid.

Reflect the shape in the mirror line

Write $\frac{1}{8}$ as a decimalWrite $\frac{1}{8}$ as a percentage

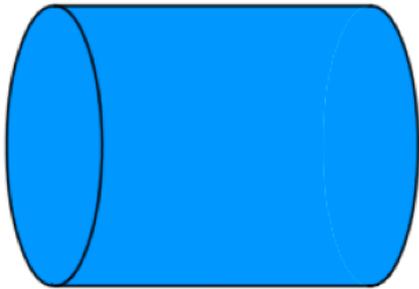
17th November



Corbettmaths

Write down the value of digit 4.

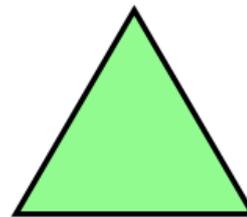
3942



Name this solid

$$\frac{3}{15} = \frac{12}{\square}$$

$$\frac{12}{20} = \frac{\square}{5}$$

Shown is an equilateral triangle.
Draw on any lines of symmetry.5 friends share £18.20 equally.
How much does each receive?

18th November

Corbettmaths

Write 3103 in words

Write two thousand and one in figures

 11^2

Write 65% as a decimal.

Write 0.3 as a fraction



On a bus there are 35 passengers.
Four-fifths of the passengers are right handed.

How many passengers are right handed?

Jenny, Hannah, Greg and Paul share £512 equally.

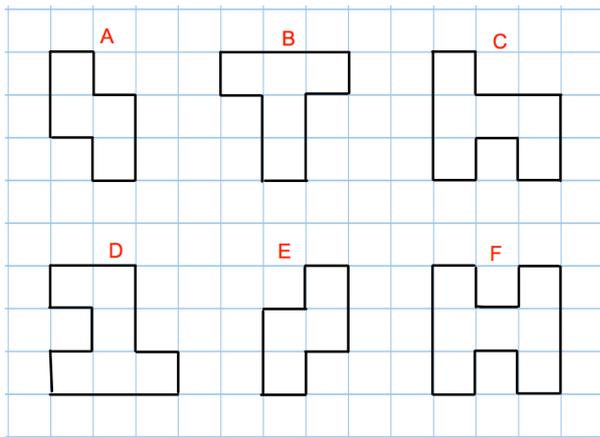
How much do they each receive?

19th November

Corbettmaths

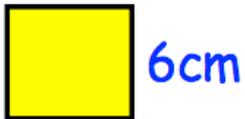
Round 179.6 to the nearest whole number

Round 12.48 to the nearest whole number



Which shape is congruent to A?

Name two other congruent shapes.



Find the area of the square

Find the perimeter of the square

$$\frac{5}{7} + \frac{1}{7}$$

$$\frac{5}{7} - \frac{1}{7}$$

20th November



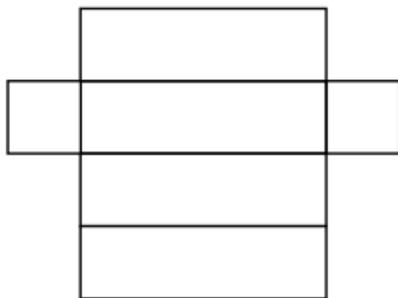
Corbettmaths

12 13 14 15 16 17 18

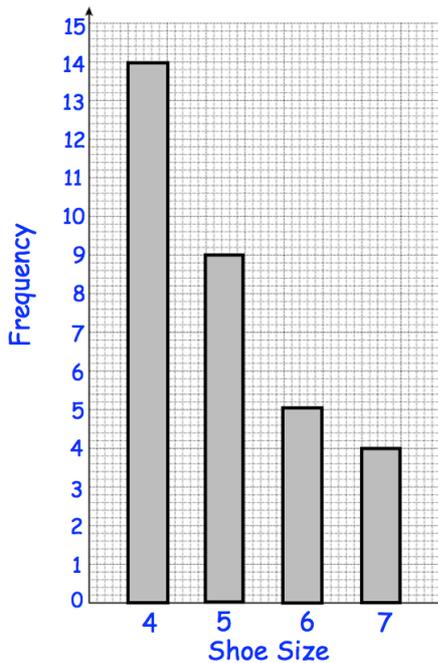
From the list:
Write down a multiple of 8

From the list:
Write down a prime number

From the list:
the two numbers that have a sum of 34.



This is the net for which solid?



How many students had a size 5 shoe?

How many students were in the class?

21st November

Corbettmaths

Draw a shape with one line of symmetry

$$\begin{array}{r}
 3 \square 4 \\
 + 286 \\
 \hline
 \square 4 \square
 \end{array}$$

In a class of 30 students, 12 are male.

What fraction of the class are male?

What fraction of the class are female?

How many seconds are in 12 minutes?

How many seconds are in 24 minutes?

The population of a country is 9 million.

Write 9 million in figures.

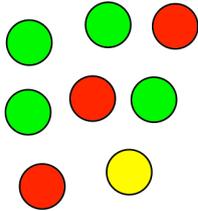
22nd November	
Work out $111 + 231 + 109$	Work out 417 divided by 3.
Write down the first five multiples of 6.	Write down all the factors of 16.
 <p>What type of angle is shown?</p>	
List the square numbers between 10 and 50.	List the prime numbers between 30 and 40.
Ben buys a packet of 40 sweets. 25% of them are red. Work out 25% of 40	$\frac{3}{5}$ of them are green. Work out $\frac{3}{5}$ of 40.

23rd November

Corbettmaths

Write the value of the 5 in the number

7563



A disc is selected at random.

Write down the probability of selecting a red disc.

Michelle is making chocolate cakes.
Each cake needs 300g of chocolate.
Michelle has 2.4kg of chocolate.

How many chocolate cakes can Michelle make?

 $3894 + 124$

Write 0.017 as a fraction

24th November	
Find $\frac{1}{3}$ of 18	Find $\frac{3}{5}$ of 40
At a Bath Rugby match, there were 13,512 spectators. Write 13,512 in words.	
Karen says " <i>the product of an odd number and an even number is always even.</i> " Show she is correct	
Find 20% of 250	
Write these in order, smallest first 0.06 $\frac{1}{2}$ 4% 0.1	



25th November

Corbettmaths

Work out 7×23 Work out $1284 - 311$ 

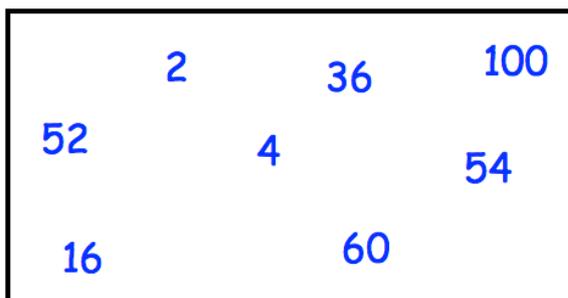
Convert 8 centimetres into millimetres

Convert 120 millimetres into centimetres

Menu

Burger	90p
Egg	70p
Chips	80p
Mash	65p
Drink	55p

Diane buys a portion of chips. She pays with 2p pieces. How many does she need?

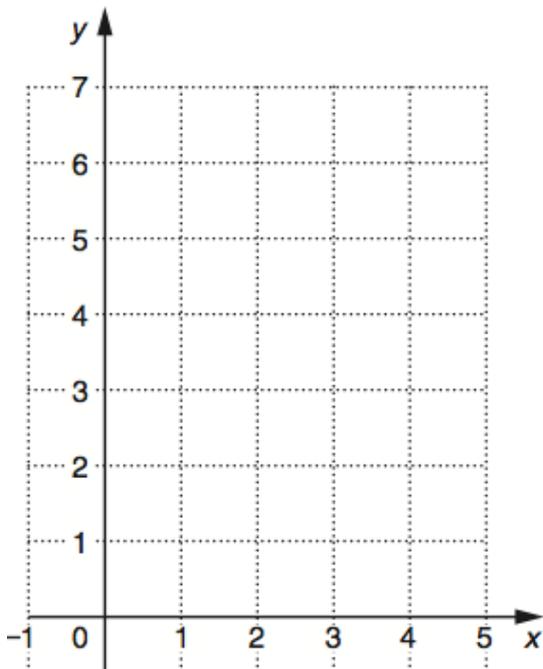
What percentage of this shape is **not** shaded?

Circle the square numbers

26th November

Corbettmaths

Write 394 in words.

Write **twelve thousand and fourteen** in figures.

Plot the coordinate A (4, 3)

Plot the coordinate B (1, 7)

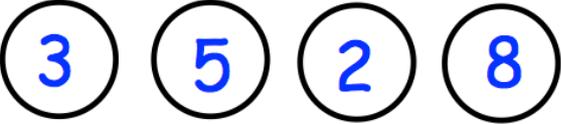
C is the midpoint of AB.

Write down the coordinates of C.

Write 50:400 as a ratio in its simplest form

The probability that a train is late is 0.3

What is the probability that the train is not late?

27th November	
<p>A pen costs £2.65. Thomas pays with a £5 note.</p> <p>Work out how much change he should receive.</p>	 Corbettmaths
<p>Work out</p> 0.09×100	<p>Work out</p> $920 \div 1000$
<p></p> <p>Shown are four discs, each with a digit written on it.</p>	<p>Using all four digits shown, create the smallest possible four digit number.</p>
<p>Using all four digits shown, create the largest possible four digit number.</p>	<p>Using all four digits shown, create the smallest possible odd four digit number.</p>
<p>Work out 50% of £320</p>	<p>Work out 10% of £14</p>

28th November



Corbettmaths

9	8	2	<input type="checkbox"/>
9	4	6	<input type="checkbox"/>
7	7	4	<input type="checkbox"/>
<hr/>	<hr/>	<hr/>	<hr/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Find the row and column totals.

Simplify fully

$$\begin{array}{r} 21 \\ \hline 28 \end{array}$$

$$4.2 - 1.82$$

David buys a ruler for 80p and two pencils.
Both pencils cost the same price.

David pays with a £10 note and receives £7.70 change.

How much does one pencil cost?

James is running in a 5 kilometres ran.

He has run 300 metres. How much further, in metres, must he run?

29th November

Corbettmaths

Harry buys a motorcycle for £2000.
He pays for it over 4 equal monthly payments.

How much does he pay each month?

A pie is cut into 6 equal slices.
One slice is eaten.

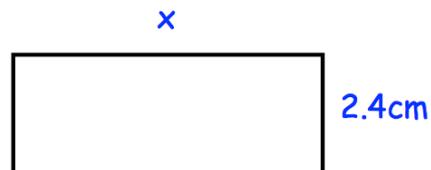
What fraction is left?



Write down the 15th odd number

The perimeter of the rectangle is 20cm.

Find x



There are 8200 fans at a rugby match between Bath and Newcastle.

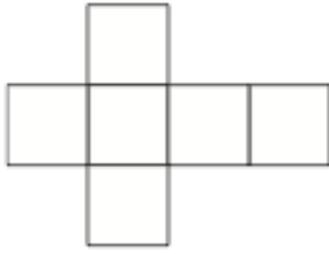
3600 of the fans are female.
The rest of the fans are male.

$\frac{1}{4}$ of the male fans support Newcastle.

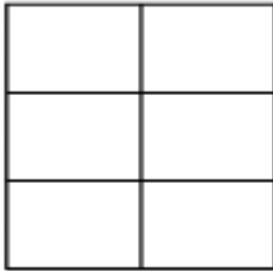
Work out how many male fans support Newcastle.

30th November

Corbettmaths



Shown is a net for which solid shape?



Shade in $\frac{2}{3}$ of the grid.

Convert 8km into metres

Convert 3200g into kilograms

Anthony has £20.
A snack costs 45p each.
He buys as many snacks as possible.

How many snacks does he buy?

How much change does he get?