

1st February

Numeracy 5-a-day



Corbettmαths

$36 + 75$

$125 \div 5$

Work out 25% of 20

Work out 10% of 20

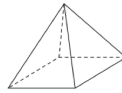
Three consecutive numbers add to 21.
What are they?

In a class there are 12 girls and
18 boys.
What fraction of the class are girls?

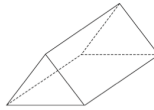
Mollie watches a film that lasts
130 minutes.
It begins at 6:15pm
What time does it end?



Match each solid to the correct name



Sphere



Triangular Prism



Square-based Pyramid



Cube

Add together 393 and 1928

Is Harry correct? Explain your answer

18% is greater than 0.2



Monday	Tuesday	Wednesday	Thursday
-3°C	-1°C	-6°C	0°C

On what day was the lowest temperature?

Find a multiple of 4 and a multiple of 5, that add to make a multiple of 6.



$82 - 59$

$45 + 29$

$$\frac{3}{5}$$

Write as a decimal _____

Write as a percentage _____

Work out $10 - 3^2$

Rebecca buys a television for £375 and a DVD player for £125.

Work out the total cost.

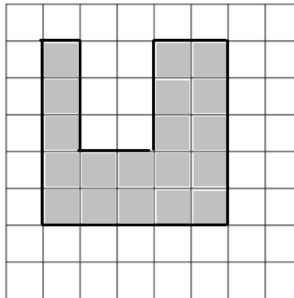
Rebecca saved £20 a week to buy the television and DVD player.

How long did it take Rebecca to save the money?



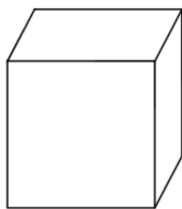
Write down the value of the **4** in the number 9048.

Work out the area of the shaded shape.
(it is drawn on a centimetre grid)



Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	
	0.25	25%
$\frac{1}{5}$		20%
$\frac{1}{10}$	0.1	

Shown below is a 3D shape



Number of Faces?

Number of Edges?

Number of Vertices?

$$5 - 7$$

$$-8 + 3$$



473 x 10

Write down the value of the 7 in the answer.

Here are four different digits.

8 1 5 6

Put one digit in each box to make the **smallest** total.

You may only use each digit once.

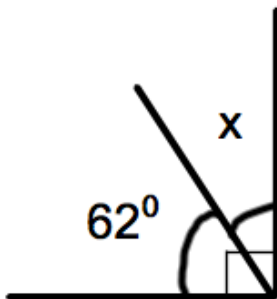
<input type="text"/>	<input type="text"/>	+	<input type="text"/>	<input type="text"/>
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Write down the total _____

Put one digit in each box to make the **largest** total.

<input type="text"/>	<input type="text"/>	+	<input type="text"/>	<input type="text"/>
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Write down the total _____



Find the size of x

Write the following numbers in order of size.

Start with the smallest number.

0.6 0.17 0.103 0.77 0.5



Write 0.04 in words.

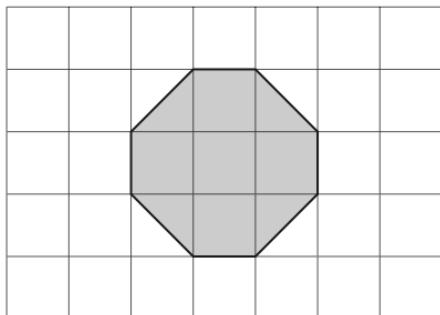
From the list of numbers

7 9 12 21 23

30 36 45

Write down the multiples of 7.

Add together 1.5, 2.7 and 1.1

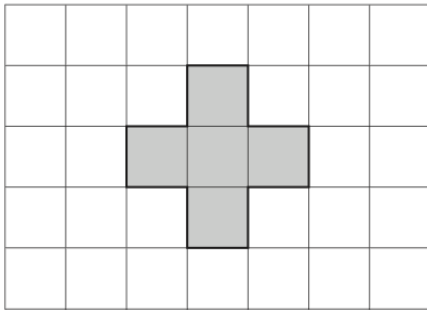


The octagon is drawn on a centimetre grid

What is the area of this octagon?

Victoria says the perimeter of the octagon is 8cm.

Explain why she is wrong.



Shown is a shape drawn on a centimetre grid.

Area: _____

Perimeter: _____

Write down a suitable metric unit to measure:

a) The length of a pencil

b) The amount of juice in a glass

c) The distance between Cardiff and Swansea

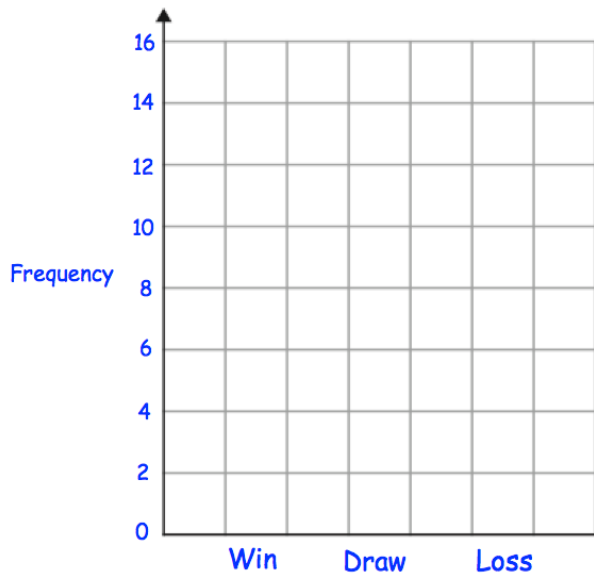
Cardiff City has played some games. They have the following results

Win: 12

Draw: 3

Loss: 2

Show this on a bar chart.



Work out 50% of 32

$$23 \div 100$$

$$48100 \div 1000$$



A journey began at 07:20.

It lasted 32 minutes.

What time did it finish?

Another journey began at 08:30.

It lasted 49 minutes.

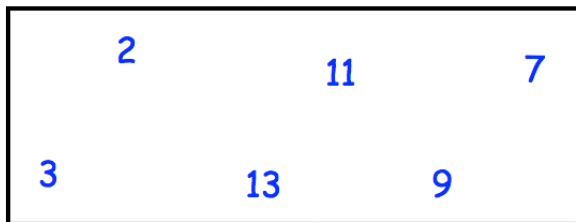
What time did it finish?

On Sunday a shop had 200 packets of biscuits in stock.

The shop sold 56 packets of biscuits on Monday, 43 packets on Tuesday and 89 packets on Wednesday.

How many packets of biscuits are left?

$$85 \times \boxed{} = 8500$$



From the numbers in the rectangle

Write down a factor of 28

Write the following numbers in order of size.

Start with the smallest number.

0.42 0.4 0.415 0.48 0.469



Menu

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

Armeena buys egg, chips and a drink.

How much does she pay?

She pays with a £20 note.

How much change should she get?

Sadia wants to buy a burger, mash and 2 drinks. She has £1.20.

How much more does she need?

Here is a list of 8 numbers.

15 16 17 18
20 22 24 29

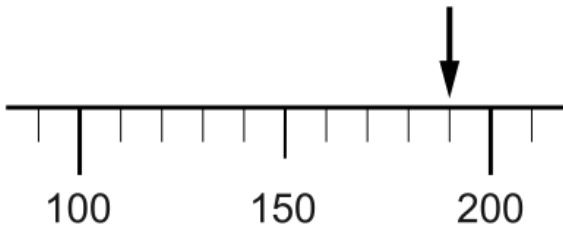
Write down a prime number

Write down a factor of 40

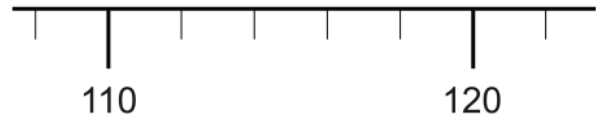
2	36	100
52	4	54
16	60	

Circle the square numbers

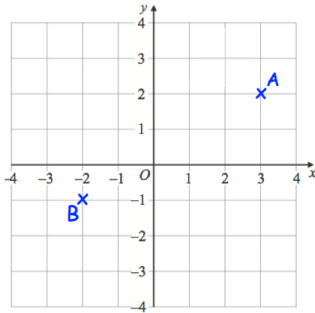
$$\square \times 1000 = 400$$



What is the number?



Draw an arrow to show 113

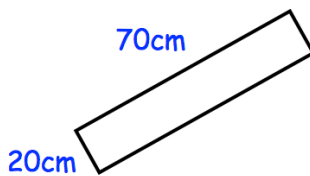


Write down the coordinates of A

Write down the coordinates of B

Mrs Jenkins had 214 Christmas cards to post.
 She has posted 127 so far.
 How many Christmas cards does she have left to post?

Find the perimeter of the rectangle



Work out

$$\frac{3}{5} \text{ of } 45$$

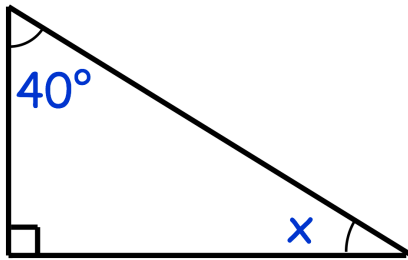


Hannah says 5 squared is equal to 10.

Explain why she is wrong

Martin says 23×12 is equal to 206 because $20 \times 10 = 200$ and $3 \times 2 = 6$.

Explain why he is wrong

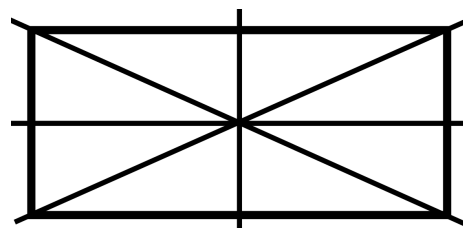


David says angle x is 140 degrees.

Explain why he is wrong

Nicola says a rectangle has 4 lines of symmetry.

Explain why she is wrong



Mr Smith collects stamps and had 4512 in his collection.
His friend Ian gives him 568 more stamps.
His friend David gives him some more.
He has now got 6000 stamps.

How many stamps did David give Mr Smith?



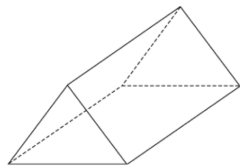
Work out $841 - 318$

Work out $144 \div 8$

Arrange in order from lowest to highest

2kg 1800g $2\frac{1}{4}$ kg 2090g

Find the area of the rectangle



Shown is a triangular prism

Write down the number of vertices

Write down the number of edges

$$\boxed{} \times 10 = 457.1$$



Write 9208 in words.

Work out the number that is halfway between 20 and 60

Work out the number that is halfway between 20 and 120

Coin	Number of coins
------	-----------------

1p	23
----	----

2p	15
----	----

5p	9
----	---

10p	3
-----	---

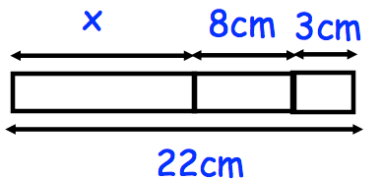
Work out the total value of the coins

Lukas buys 4 plants that cost 70p each.

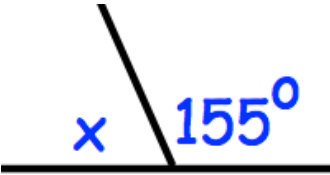
He has £5.

How much change does he get?

Work out 545×33



Find x



Find x

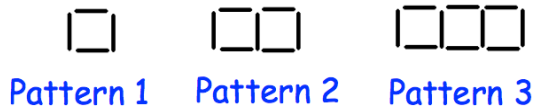
Work out

$783 \div 9$

Manchester City have played 30 games in a season.

Complete the tally chart.

Result	Tally	Frequency
Win		
Draw		
Loss		



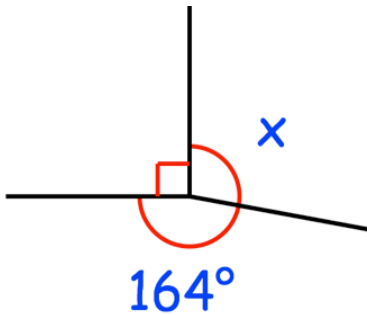
Draw Pattern 4

Work out $\sqrt{81}$ Work out $\sqrt{121}$ **Menu**

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

Joel buys 3 burgers and 1 drink.

How much will he have to pay?



Work out the size of angle x

Work out 17×82

$$\boxed{8} + \boxed{} = \boxed{0}$$



At a Bath Rugby match, there were 12,412 spectators.

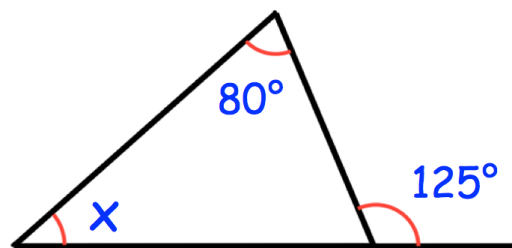
Write 12,412 in words.

Tianna buys a CD for £4.29 and a DVD for £5.79.

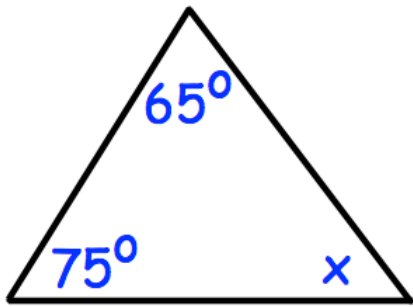
How much do both items cost?

How much change will she get from £20?

Work out the size of x



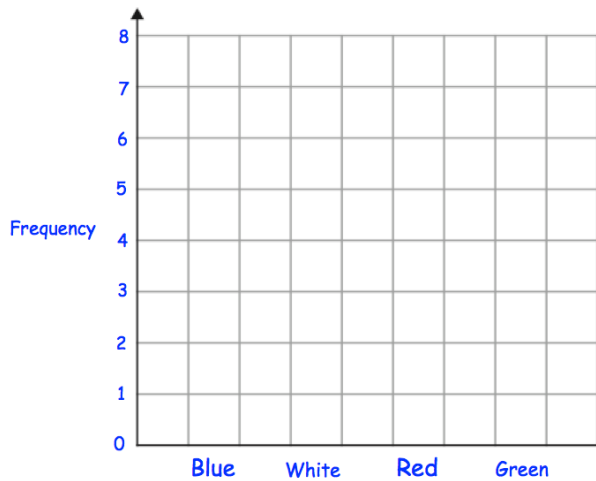
$$\square + \square 2 = \square - 1$$



Ajay asked his friends their favourite colour.

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

Complete the bar chart (include a title)



Complete the tally chart

Colour	Tally	Frequency
Blue		
White		
Red		
Green		

Write 0.6 as a fraction.
 Give your answer in its simplest form

Work out 126×72



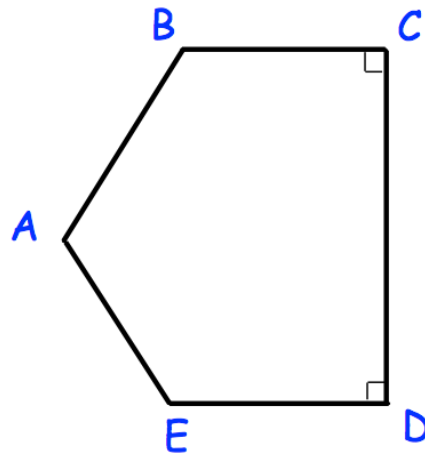
	Metric unit
The height of a door	
The weight of a mouse	
The volume of water in a kettle	

Complete the table by writing a sensible metric unit for each measurement

Write $\frac{1}{4}$ as a percentage

Write 63% as a fraction

Name the shape ABCDE



Which line is parallel to BC?

A football team bring 8 coaches of supporters to a cup match.
Each coach holds 53 passengers.

How many supporters are brought to the cup match by the 8 coaches?



64	41	34	19	78
25	18	24	70	56

From the numbers in the grid, write down two numbers with a sum of 80

From the numbers in the grid, write down two numbers with a difference of 60.

From the numbers in the grid, write down two numbers with a difference of 53.

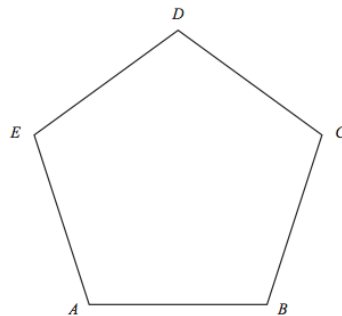
A pencil is 8.5 centimetres long.
Change 8.5 centimetres to millimetres.

There are 350 millilitres of juice in a jug
Change 350 millilitres to litres.

Work out 50% of £840

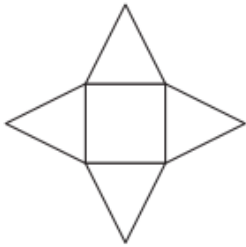
Work out 10% of £74

Draw all the lines of symmetry for the regular pentagon ABCDE





What solid is this the net for?



Sketch the net for a cube

Chair £65
Sofa £149
Table £210

Bruno buys a table, a sofa and two chairs.

Work out the total cost of the items he buys.

$$\frac{2}{4} \quad \frac{3}{7} \quad \frac{5}{9} \quad \frac{9}{18} \quad \frac{10}{22}$$

Which two fractions are equivalent to $\frac{1}{2}$

Write down the number that is 2 more than -8

Fill in the missing number

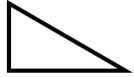
$$1900 \div \boxed{} = 19$$



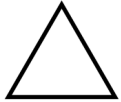
Right-angled triangle



Equilateral triangle



Scalene triangle



Isosceles triangle

Match each triangle to the correct name

Draw a parallelogram

Match each equivalent decimal and percentage.

Decimal

Percentage

0.05

50%

0.25

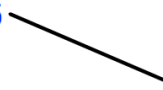
20%

0.2

25%

0.5

5%



Calculate the area of the rectangle

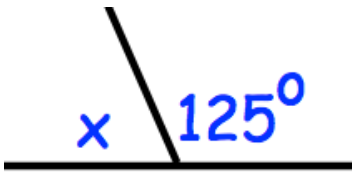
27cm



14cm

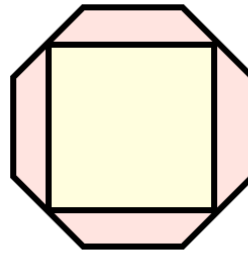
Work out

$\frac{2}{5}$ of 35 days

Find x 

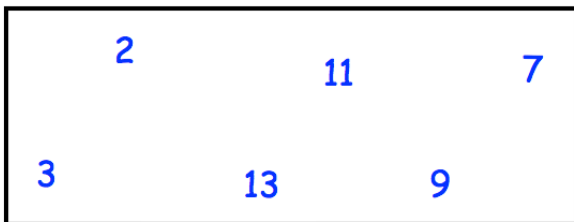
A square is drawn inside a regular octagon.

Draw all the lines of symmetry on the shape.



Write 19% as a fraction

Write 40% as a fraction.
Give your answer in its simplest form.



From the numbers in the rectangle

Write down the number that is not prime.

Write down any factors of 28

Write $\frac{9}{10}$ as a decimal.



Write the number 1906 in words.

Write the number **twenty thousand, three hundred and twenty nine** in figures.

Write the number 1906 to the nearest ten.

Write the number 38 627 to the nearest thousand.

Write $\frac{3}{4}$ as a decimal.

Write 2 metres in centimetres

Write 3.4 metres in centimetres



Draw Pattern 4



Treble 56

Half 61

A shape has 8 sides.

Name this shape.

How many sides does a decagon have?

Round 833 to the nearest ten

Round 833 to the nearest hundred.

Find the missing number

$$20 + 4 = 6 \times \underline{\quad}$$

Find the missing number

$$100 + 20 = 200 - \underline{\quad}$$

Draw an acute angle

Draw an obtuse angle



A telephone call is 20p for 5 minutes.

How much will 20 minutes cost?

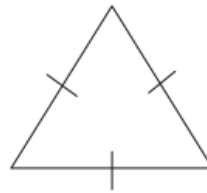
Bodhi is 1.35m tall.

Vicky is 0.4m shorter than Bodhi.

What is Vicky's height?



What is the name of this type of triangle?



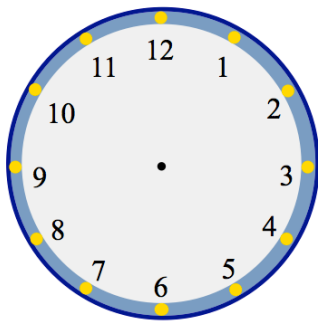
What is the name of this type of triangle?

Work out

$$3276 \div 7$$

Find the missing number

$$\boxed{} \div 10 = 0.05$$



Show the time 7:45 on the clock

Add together 155 and 418

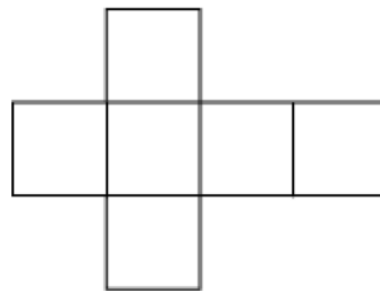
Subtract 183 from 824

Multiply 58 by 3

Divide 720 by 5

The diagram shows the net of a 3D shape.

What is the name of the 3D shape?



George is paid £8 an hour.
He works 26 hours in a week.

How much money will George be paid?



Work out 50% of 60cm

Work out 25% of 80cm

Gianluca, James and Henry are organising a charity cake sale. They want to make 54 cupcakes in total.

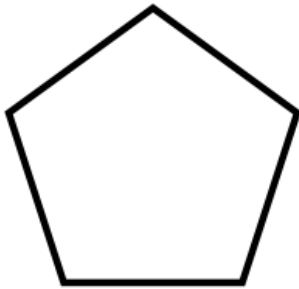
How many cupcakes should each boy make?



At a football match between City and Rovers, there were 4486 fans.

In the match report, 4486 was rounded to the nearest thousand.

Write 4486 to the nearest thousand.



Measure the perimeter of the pentagon

Simplify

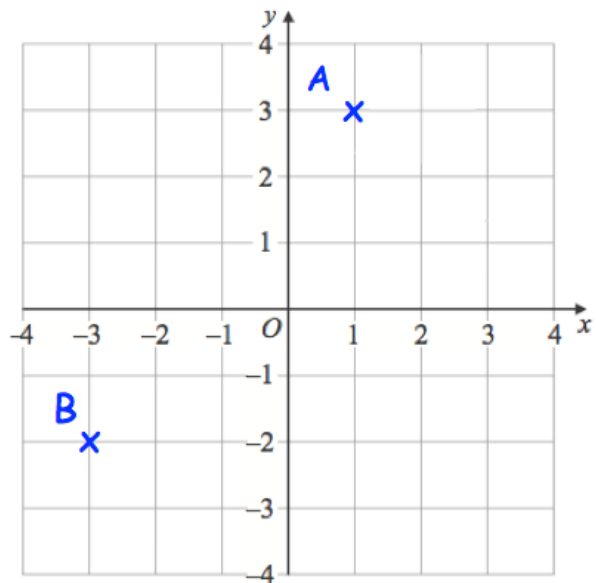
$$\frac{27}{30}$$



Work out 10^2

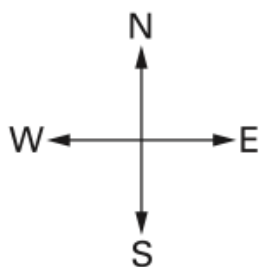
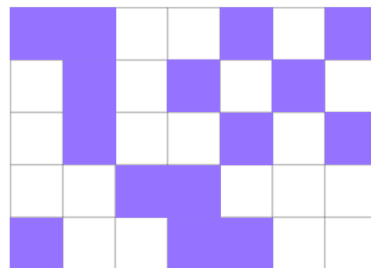
Work out $5^2 + 4^2$

Write down the coordinates of the point A.



Write down the coordinates of the point B.

What fraction of the grid is shaded?



Maciej is facing South.
He turns clockwise through 90 degrees.

Which direction is he now facing?



Here are the names of six 2D shapes.

Pentagon Heptagon Octagon

Decagon Quadrilateral Nonagon

Arrange the shapes in order of the number of sides

Lowest number of sides

Greatest number of sides

Work out 125.6×10

A pen costs £2.50

How much will 7 pens cost?

$$\frac{7}{12} = \frac{\square}{36}$$

$$\frac{9}{20} = \frac{63}{\square}$$