

8th September

Convert 2 centimetres into millimetres

Convert 90 millimetres into centimetres

Write down all the factors of 15

Write down all the multiples of 6 between 20 and 40

 $\frac{5}{9}$ of 63 seconds

A printer prints 6 pages per minute.

How long will it take to print 300 pages?

Write down the square root of 36.

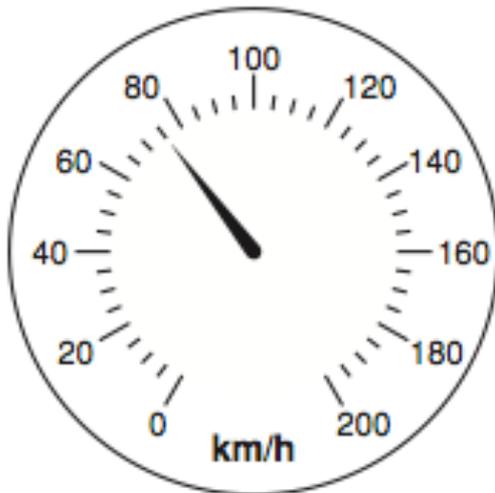
9th September

Corbettmaths

30 sweets are shared between 5 children.

How many will each child receive?

Round 4948 to the nearest 1000.



What speed is shown on the speedometer?

The speed limit is 90km/h.
How much slower than the speed limit is the car travelling?



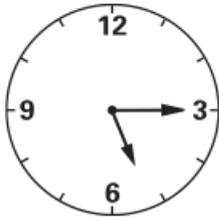
This bottle holds 2 litres.

What is 2 litres in millilitres?

15th September

Corbettmaths

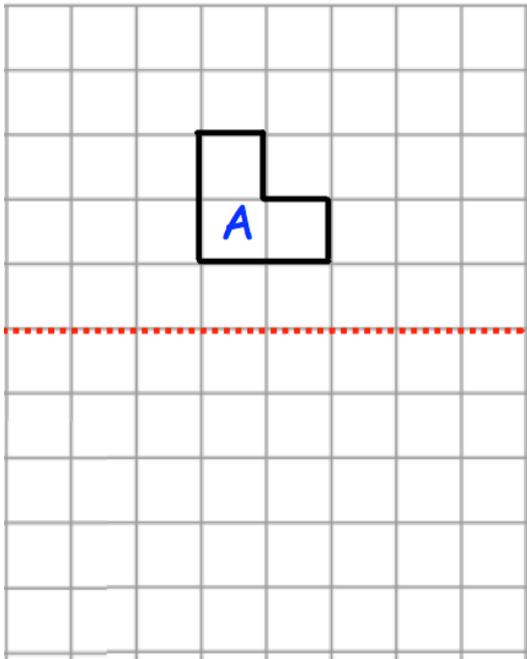
A clock shows this time, in the afternoon.



Write as 24 hour time.

Work out

$$724 \times 7$$



Reflect shape A in the mirror line.

Shape A is drawn on a centimetre square grid.

Find the perimeter

How many 20p coins make up £40?

16th September

Corbettmaths

$48 + 16$

$715 - 186$

Match each triangle to the correct name.



Right-angled triangle



Equilateral triangle



Scalene triangle



Isosceles triangle

6.7×100

0.07×100

85.1×100

20.016×100

A pie is cut into 6 equal slices.
Four slices are eaten.

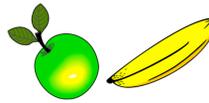
What fraction of the pie is left?



22nd September

Corbettmaths

Daniel buys an apple for 39p and a banana for 27p. How much does he pay in total?



$$\square + \square + \square = 20$$

$$\square \times \square = 20$$

$$\square \div \square = 20$$

$$\square \times \square + \square = 20$$

Write down the most suitable metric unit to measure:

(a) The length of a football pitch

(b) The weight of a coin.

The first term of a sequence is 2.
The rule for finding the next term in the sequence is "multiply by 3."

Write down the first 5 terms of the sequence

23rd September



Corbettmaths

Work out 11 squared

Work out the square root of 81

$$\frac{1}{\square} = \frac{6}{24}$$

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

Write 0.14 as a simplified fraction

Write 8 metres in centimetres

Write 0.4 metres in centimetres



Pattern 1



Pattern 2



Pattern 3

Draw Pattern 5

29th September

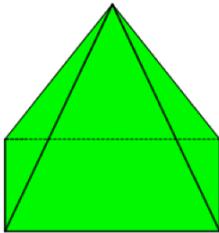
Corbettmaths

Write down the first five multiples of 4.

Write down all the factors of 4.

Simplify

$$\frac{6}{10}$$



How many faces does a square-based pyramid have?

Dennis flips a coin 70 times.
How many tails should he get?

Martin sells 17 books of raffle tickets
There are 10 tickets in each book.
How many tickets does he sell?

Each ticket costs 30p
How much money does he receive?

30th September



Corbettmaths

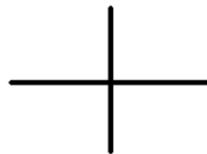
| | | | |
|---|---|---|---|
| 8 | 7 | 3 | □ |
| 5 | 9 | 7 | □ |
| 8 | 4 | 4 | □ |
| □ | □ | □ | □ |

Find the row and column totals



Complete this sentence:

The two lines are



Complete this sentence:

The two lines are

Arrange in order, from smallest to largest

0.2 0.11 0.034 0.109 0.21

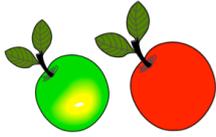
Jason has made a mistake.
Explain his mistake.

$$\begin{array}{r}
 2 \quad 8 \quad 2 \\
 3 \quad 9 \quad 9 \\
 + \quad 6 \quad 7 \quad 5 \\
 \hline
 1 \quad 2 \quad 5 \quad 6
 \end{array}$$

Write 0.019 as a fraction

6th October

Corbettmaths



A red apple cost 27p
A green apple cost 24p

What is the total cost for one red
and one green apple?

Jenny buys 3 lettuces that cost 70p
each.

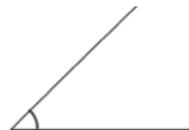
She pays with a £5 note.

How much change should she
receive?

Work out $\frac{5}{6}$ of 78



This angle is about
degrees



This angle is about
degrees

List the first five multiples of 12

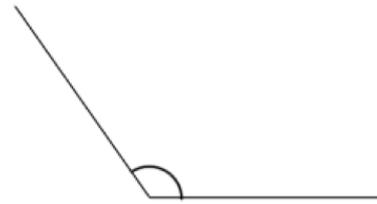
List the factors of 12

7th October

Corbettmaths



This is an angle



This is an angle

Shade 40% of this shape



Simplify

$$\frac{18}{24}$$

Work out

$$4 \times (8 + 4)$$

Work out

$$40 - 20 \div 5$$

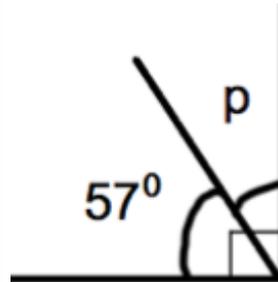
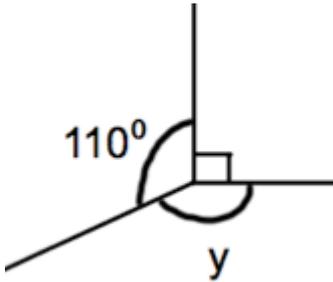
Draw a pair of perpendicular lines

Draw a pair of parallel lines

13th October

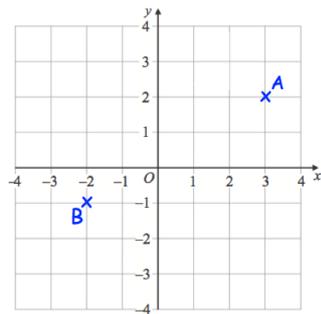


Corbettmaths



Julie is making some curtains.
She has \$100 to spend.
The material costs \$14 per metre
and she needs 8 metres.

Can Julie afford the material

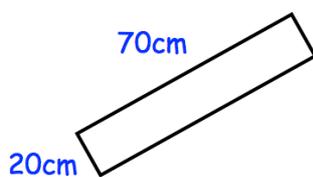


Write down the coordinates of A

Write down the coordinates of B

Mrs Jenkins had 284 Christmas cards
to post.
She posted 39 on Monday.
She posted 129 on Tuesday.
How many Christmas cards does she
have left to post?

Find the area of the rectangle



14th October



Corbettmaths

input

8



- 11



output

?

input

?



- 2

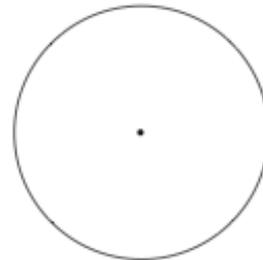


output

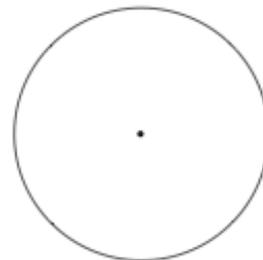
- 5

James has 86 marbles and Hannah has 95 marbles. How many marbles do they have altogether?

Draw a diameter on the circle



Draw an arc on the circle



A football team gets 3 points for a win, 1 point for a draw and 0 points for a loss.

Southampton have played 8 matches and have 11 points.

Write down a way that Southampton could have been given 11 points.

Number of wins _____

Number of draws _____

Number of losses _____

20th October



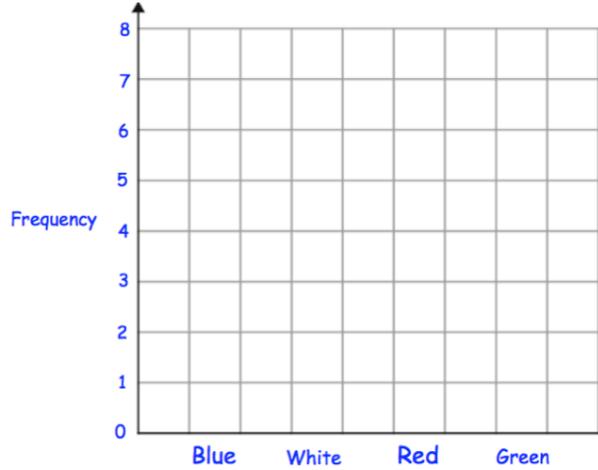
Corbettmaths

| Colour | Tally | Frequency |
|--------|-------|-----------|
| Blue | | |
| White | | |
| Red | | |
| Green | | |

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

Complete the tally chart

Draw a bar chart from the tally chart above.



What is the least popular colour?

List the first five square numbers.

Work out $1211 \div 7$

Work out 291×8

21st October

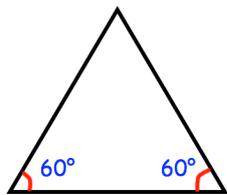
Corbettmaths

List the first seven square numbers.

Write down all the factors of 30.

Mark arrives home from school at 4:10pm.

Write this time in 24 hour time.

Write down the tenth **odd** number

Not drawn accurately

What type of triangle is drawn?
Explain your answer.

Emma runs 2.6 miles every day for five days.

How far does she run in total?

| 27th October | |
|--|---|
| 39×10 | 940×100 |
| Martin works from 6am until 3pm from Monday to Thursday. On Friday he works from 8am until 1pm. On Saturday he works from 2pm until 5pm. | How many hours does Martin work in total? |
| Martin is paid £12 per hour. How much is he paid? | |
| -5×6 | $20 \div -5$ |
| List the first 10 square numbers | List the first 10 prime numbers |



28th October

Corbettmaths

Work out

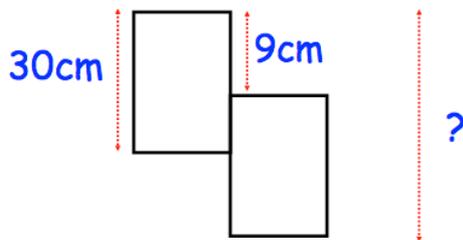
0.89×10

Work out

$64.5 \div 10$

Simplify fully

$$\frac{35}{60}$$



Shown are two identical rectangles.
Find the missing length

$23 + 43 + 95$

392×6

9^2

What is the square root of 49?

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.

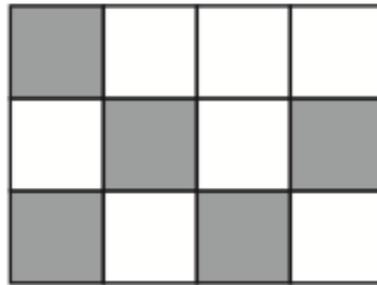
Nathanael says $\frac{1}{2}$ of these cars are red.

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?

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.

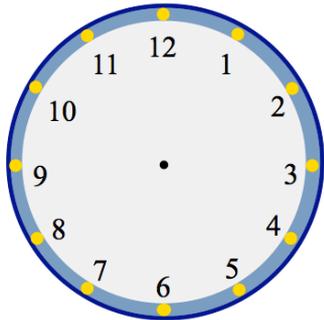
11th November



Corbettmaths

Draw a hexagon

What is the name of a 7 sided shape?



Show the time 4.25 on the clock

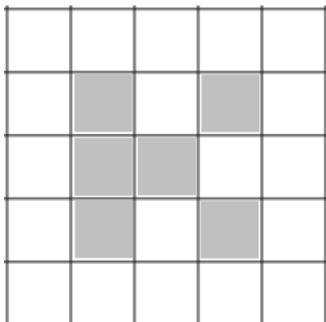
Complete the tally chart

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.

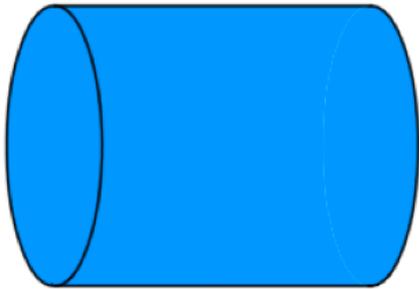
17th November



Corbettmaths

Write down the value of digit 4.

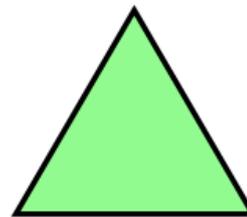
3942



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?

| 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 $1284 - 311$ 

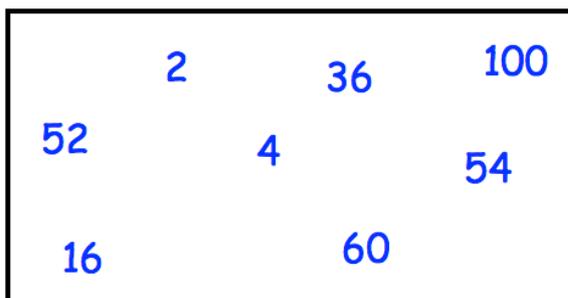
Convert 8 centimetres into millimetres

Convert 120 millimetres into centimetres

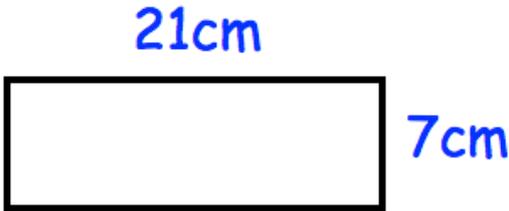
Menu

| | |
|--------|-----|
| 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

| 1st December | |
|--|---|
| Write down the first five multiples of 3. | Write down all the factors of 10. |
| Work out the perimeter of this rectangle.  | |
| Donna earns £700 a week. One week she receives a bonus of $\frac{1}{10}$ of her wage. Find $\frac{1}{10}$ of £700 | |
| How many lines of symmetry does a rectangle have? | How many lines of symmetry does a parallelogram have? |
| 31×13 | $935 \div 5$ |

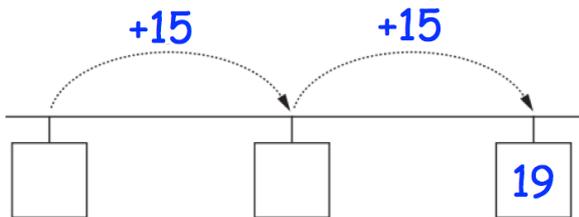


2nd December

Corbettmaths

Add together 8.3 and 2.8

Subtract 2.9 from 5.4



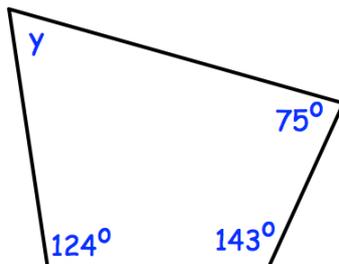
A sweet costs 7p.
How many sweets can be bought for
£1.12?

Work out

$$2 \times (8 + 3)$$

Work out

$$30 - 10 \div 2$$

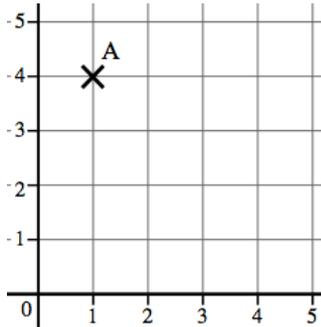
Find y

8th December

Corbettmaths

Jamie has £29
Binky has £12 less than Jamie
Spencer has £52 more than Jamie

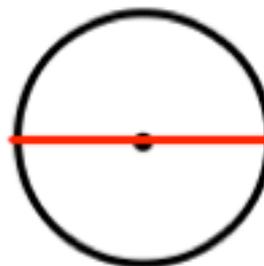
How much money do they all have in total?



What is the coordinate of A?

Plot the coordinate B (5,0)

The red lines shows which part of a circle?



The probability that a student finishes a puzzle is 0.82

What is the probability that the student does not finish the puzzle?

9th December



Corbettmaths

$$36 \times \quad = 0$$

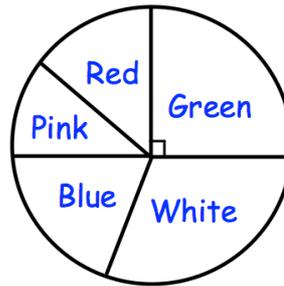
$$58 \div \quad = 1$$

$$36 \times \quad = 36$$

$$58 \div \quad = 58$$

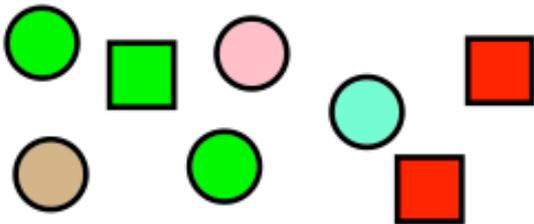
The pie chart shows the colour of sweets in a bag.

Which colour sweet is the most common?



There are 60 sweets.

How many are green?



A counter is picked at random.

Write down the probability that the counter is red.

A counter is picked at random.

Write down the probability that the counter is a circle.

A counter is picked at random.

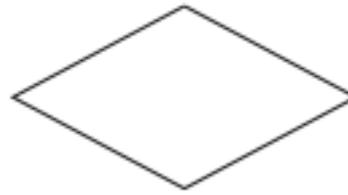
Write down the probability that the counter is a green circle.

15th December

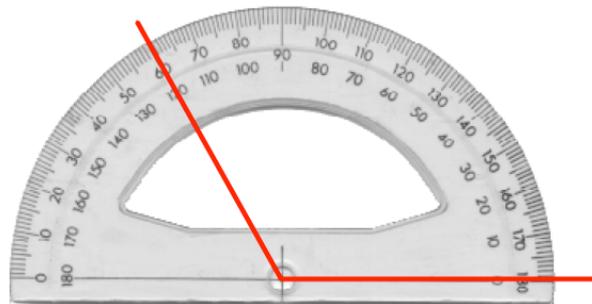
Corbettmaths

Draw a trapezium

Name this shape



Sarah has been asked to draw a 60 degree angle.
Explain her mistake.



There are 32 bars of chocolate in a box.
Mr Jenkins buys 192 bars of chocolate in total.

How many boxes did he buy?

Find 25% of 36

Find 75% of 36

The first term of a sequence is 10.
The rule for finding the next term in the sequence is “multiply by 2.”

Write down the first 5 terms of the sequence

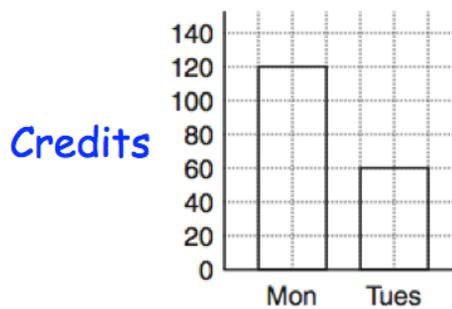
16th December

Corbettmaths

Write down the next term in this sequence

9 13 17 21

Explain in words how you worked out your answer.

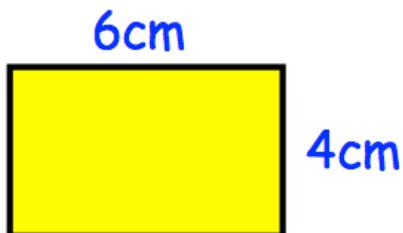


How many credits did Year 8 receive on Monday?

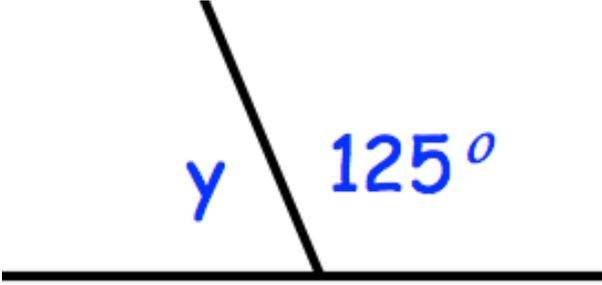
How many more credits were given to Year 8 on Monday than Tuesday?

Work out $795 \div 3$

Find the area of the rectangle.



| 22nd December | |  Corbettmaths |
|---|---|---|
| 3.6×100 | $48 \div 10$ | |
| Simplify fully $\frac{36}{48}$ | | |
| Rob finishes school at half past three. He then walks home and this takes fifteen minutes. Write the time he arrives home on the clock display. Write it as 24 hour time. |  | |
| $398 - 129$ | 48×3 | |
| Menu Burger 90p Egg 70p Chips 80p Mash 65p Drink 55p | Aaron buys a portion of chips and two drinks. How much does that cost? | |

| 23rd December | |
|--|--|
| Work out 6 less than 4 | Work out 3 more than -7  Corbettmaths |
| Simplify fully $\frac{35}{45}$ | |
| 624 marbles are shared between 4 children. How many will each child receive? | |
|  | |
| James has eight cards, each with a letter written on it. The letters are A C D A C A C A | What fraction of the letters are vowels? |

29th December

Corbettmaths

From this list of numbers

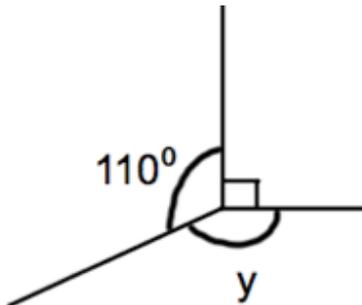
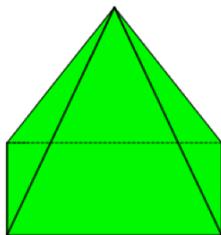
8 9 10 11 12 13 14

Write down a multiple of 7.

Write down a square number.

Write down a prime number.

Write down a cube number.

Work out the size of the angle y .

How many vertices does a square-based pyramid have?

James earns £12 per hour.
He works 19 hours in one week.
He gives 10% of his earning to his sister.

How much does he give to his sister?

30th December



Corbettmaths

$129 + 272$

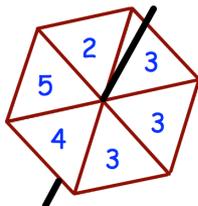
$293 - 128$

Write the number twelve thousand, six hundred and eight in figures.

Write the number 20006 in words.

| | |
|------------|-------|
| Southville | 07 04 |
| Leek | 07 09 |
| Jamestown | 07 38 |
| Lincoln | 08 01 |
| Gold City | 08 39 |

How long does the train from Leek to Lincoln take?



Amir makes a fair spinner with six sectors.

Impossible Unlikely Evens Likely Certain

Use a word from the box which best describes the probability of each of the following events

The spinner will land on 2

The spinner will land on a positive number