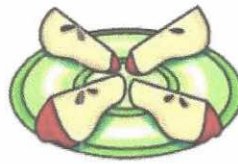**1st October**

Corbettmaths

An apple is cut into four equal sections
One section is eaten.
What fraction of the apple is left?

$\frac{3}{4}$

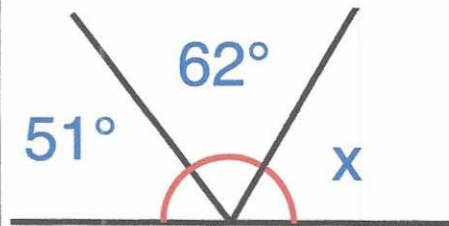Write down all the factors of 30

$1, 2, 3, 5, 6, 10, 15, 30$

Write down all the multiples of 4 between 15 and 25

$16, 20, 24$

Find x

$180 - 51 - 62 = 67°$

62°

51°

x

---

825 people went to a rugby match.

Tickets were £15 each.

How much money was paid in total?

$$\begin{array}{r} 825 \\ \times 15 \\ \hline 4125 \\ 8250 \\ \hline 12375 \end{array}$$

£12375

A greengrocer sold:
4 apples
10 bananas
6 oranges
7 lemons

Draw a pictogram to represent this

$O = 2$ pieces

A O O
B O O O O O
O O O O
L O O O O

2nd October

Corbettmaths

Write the three missing numbers in this multiplication grid.

×	3	5
4	12	20
7	21	35

$20 - 5 \times 3$
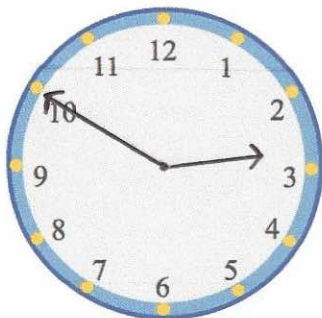
$20 - 15 = 5$

3×2^2

$3 \times 4 = 12$

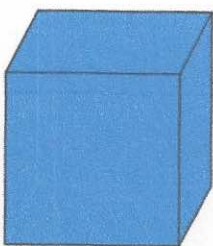List the first 5 square numbers
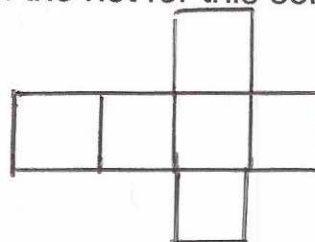
$1, 4, 9, 16, 25$

List the first 5 prime numbers

$2, 3, 5, 7, 11$

Show the time 2:50 on the clock
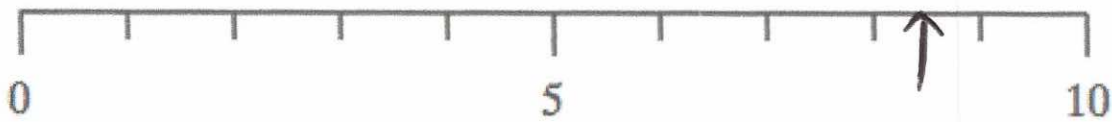

Sketch the net for this solid

3rd October

Corbettmaths

Show 8.5 on the number line.

Simplify

$\dfrac{27}{36}$ $\dfrac{3}{4}$

Work out 132 x 23

$$
\begin{array}{r}
1\,3\,2 \\
\times\ 2\,3 \\
\hline
3\,9\,6 \\
+\ {}_{1}2,6\,4\,0 \\
\hline
3\,0\,3\,6
\end{array}
$$

3036

Work out 987 ÷ 3

$$
\begin{array}{r}
3\,2\,9 \\
3\,\overline{)\,9\,8^{2}7}
\end{array}
$$

A scone costs £1.50.

How many scones can be bought for £10?

150
300
450
·600
·750
900

6

4th October

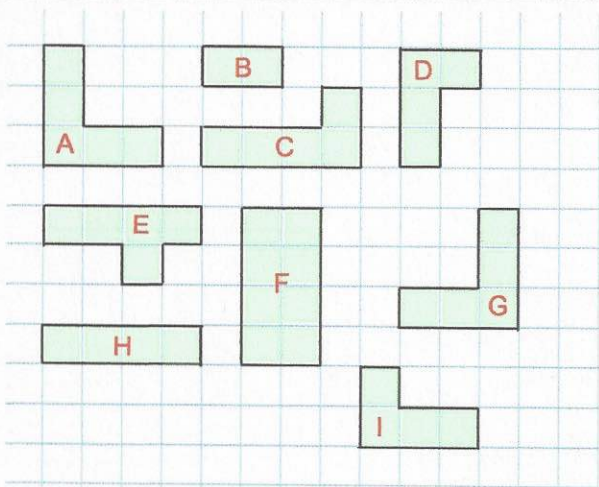Corbettmaths

Write **twelve million** in figures.

12,000,000

A pizza costs £5.55
Jim pays with a £10 note.

How much change should he receive?

£4.45

Find a shape that is congruent to A.

G

Find another pair of congruent shapes

D & I

Write down the 10th even number

2 4 6 8 10
12 14 16 18 20

20

5th October

Corbettmaths

Write these temperatures in order, starting with the coldest.

11°C   −4°C   −15°C   −7°C

−15°c , −7°C , −4°C , 11°C

Write down all the factors of 20

1, 2, 4, 5, 10, 20

Write down all the multiples of 7 between 20 and 40

21   28 , 35

List three fractions that are equivalent to $\frac{3}{5}$

$\frac{6}{10}$ $\frac{9}{15}$ $\frac{12}{20}$

Work out 32 x 101

```
    1 0 1
  x   3 2
  ───────
    2 0 2
+ 3 0 3 0
```

3232

---

20 pencils cost £5.

What is the cost of one pencil?

$$20 \overline{)5 0 0}$$ → 0 2 5

25p

6th October

Corbettmaths
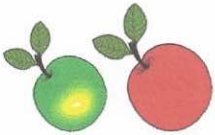
51p

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.

$3 \times 7 =$

She pays with a £5 note.

How much change should she receive?

£2.10

$\begin{array}{r} 500 \\ -210 \\ \hline 290 \end{array}$

£2.90

Work out

$\dfrac{5}{6}$ of 78

$78 \div 6 = 13$

$13 \times 5 = \underline{65}$

Estimate the size of this angle

$190°$

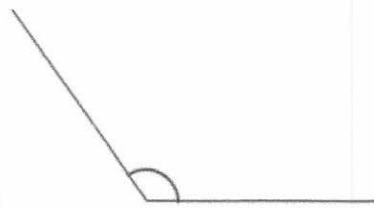List the first five multiples of 12

12, 24, 36, 48, 60

List the factors of 12

1, 2, 3, 4, 6, 12

7th October

This is an ...*Acute*... angle

This is an ...*Obtuse*... angle

Work out

$77 + 7.7 + 0.77$

85.47

$$\begin{array}{r} 77 \\ 7.7 \\ + \;\;0.77 \\ \hline 85.47 \end{array}$$

Andrew has 57 blocks of chocolate.

He shares them equally between his 3 friends.

How many blocks of chocolates does each friend receive?

$$3\overline{)5^2 7}\; = 19$$

19

Work out

$4 \times (8 + 4)$

$4 \times 12 = 48$

Work out

$40 - 20 \div 5$

$40 - 4 = 36$

Draw a pair of perpendicular lines

Draw a pair of parallel lines
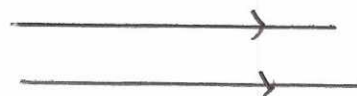
Corbettmaths

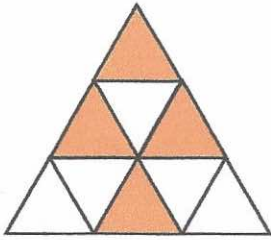|	
8th October	Corbettmaths
Take 54 away from 141 141 (³ ¹) − 54 ——— 87 87 =	Add 149 and 184 184 + 149 ——— 333 333 =
How many edges does a cube have? 12	
	This is how much money Tim has saved up. How much does he have? £13·10
	Tim wants to save £25. How much more does he need? 25·00 − 13·10 ——— 11·90 £11.90
	Fozia has just finished her lunch. Write this time as 24 hour time. 13 : 35
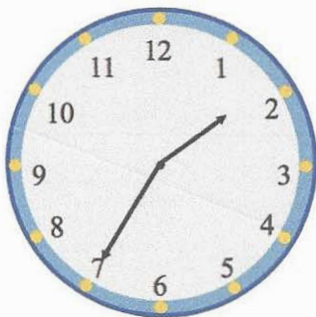
9th October
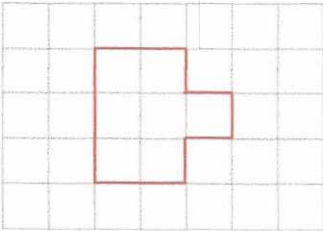
What fraction of this shape is unshaded?

$\dfrac{5}{9}$

Below is a shape on centimetre square paper.

Work out the perimeter

12cm

Write down the value of the digit 3 in the answer to

$938 \times 100 = 93800$

3000

The table shows the temperature at 5am on two days in May.

4th May	5th May	6th May
-6°C	3°C	

Work out the difference in temperature on the 4th May and the temperature on the 5th May.

9°C

The temperature on 6th May was 5°C lower than on the 5th May.

What was the temperature on the 6th May?

- 2°C

10th October

Corbettmaths

Write in words 4012

four thousand and twelve

What is half of 4012

2006

④ 8 12 ⑯ 20 24 28

Above are some multiples of 4.

Circle the square numbers

Underline the cube number.

A clock shows this time twice a day.

Tick the two digital clocks that show this time.

20:40   08:40   04:40 ✓

16:40 ✓   17:40

Find the missing terms of this sequence.

800 400 200 100 50 *25* *12.5*

Find the missing terms of this sequence.

8 13 18 23 *28* *33* 38

Tyler sat a maths test.
He scored 16 out of 20.

What percentage correct did he get?

$$\frac{16}{20} = \frac{8}{10}$$

80 %

11th October

Corbettmaths

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93 + 15

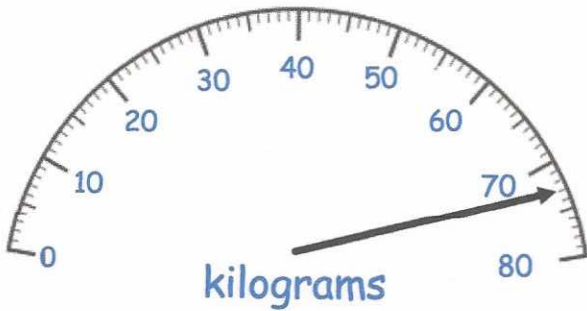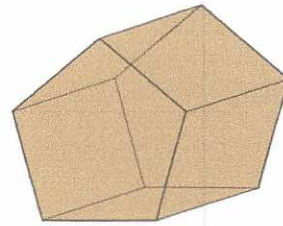$$\begin{array}{r} 93 \\ +15 \\ \hline 108 \end{array}$$

98 – 39

$$\begin{array}{r} 9\!\!\!/8 \\ -39 \\ \hline 59 \end{array}$$
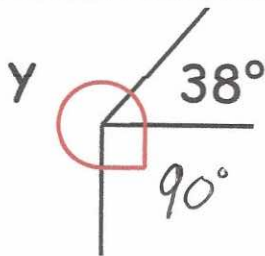

Shown is a pentagonal prism.

How many vertices does it have?

10

---

kilograms

What weight is shown on the scales?

73 kg

Y 38°

90°

Find y

232°

Work out

$(5 \times 4)^2$

$20^2 = 400$

12th October
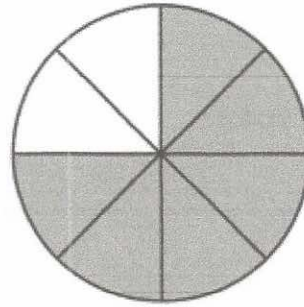
Corbettmaths

What percentage of the shape is shaded?

75%

What fraction of the shape is shaded?

3/4

Sandwich	Frequency
Ham	○ ○ ○ ○ ○
Chicken	○ ○ ○
Egg	○ ○ ◖
Cheese	○ ◖
Tuna	○ ○

Key: ○ = 4 people

How many people had a chicken sandwich.

12

7 people had a cheese sandwich.

Complete the pictogram.

Multiply by 7 then Subtract 12

The first term is 5.

Work out the second term

$5 \times 7 = 35$

$35 - 12 = 23$

3.9 + 1.25

$$\begin{array}{r} 3.9 \\ + 1.25 \\ \hline 5.15 \end{array}$$

5.15

203 − 50.5

$$\begin{array}{r} 20\overset{2}{\cancel{3}}.\overset{1}{0} \\ - 50.5 \\ \hline 152.5 \end{array}$$

152.5

13th October

Corbettmaths

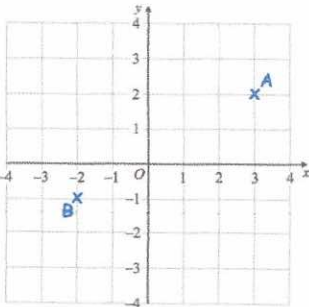| 30 minutes = 60p	60×4
Jasmine parks in a car park for 2 hours. How much will it cost?	£2.40

| 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? | $\begin{array}{r} 14 \\ \times 8 \\ \hline 112 \end{array}$ $112

No |

Write down the coordinates of A

$(3, 2)$

Write down the coordinates of B

$(-2, -1)$

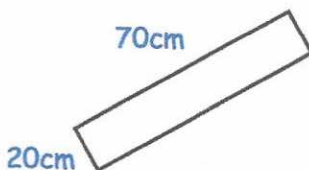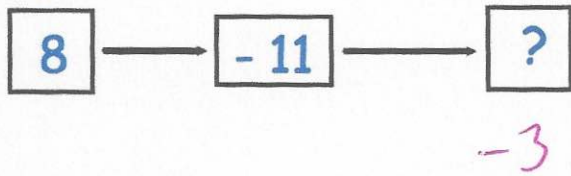| Mrs Jenkins had 284 Christmas cards to post.
She posted 39 on Monday.
She posted 129 on Tuesday.
How many Christmas cards does she have left to post? | $129 + 39 = 168$
$284 - 168 = 116$ |

| Find the area of the rectangle

70cm

20cm | $20 \times 70 = 1400 \, cm^2$ |

14th October

Corbettmaths

input   output
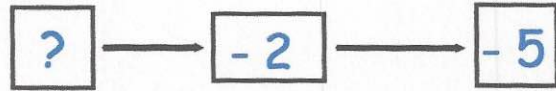8 —→ [- 11] —→ ?
                        -3

input   output
? —→ [- 2] —→ [- 5]
-3

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

$$\begin{array}{r} 86 \\ +95 \\ \hline 181 \end{array}$$

Draw a diameter on the circle
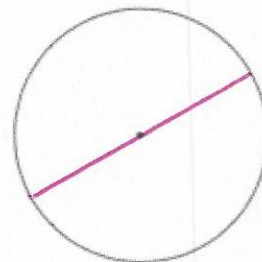
Draw an arc on the circle
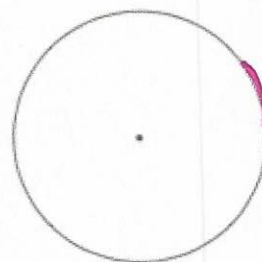
A football team gets 3 points for a win, 1 point for a draw and 0 points for a loss.

Southampton have played 8 matches and have 11 points.

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

Number of wins   2   3

Number of draws   5   2

Number of losses 1   3

Name: _____

5-a-day

Numeracy

15th October

CorbettmΩths

Two numbers are multiplied together and the answer is 26.

Write down two possible numbers.
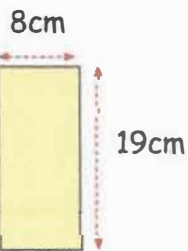
2.6×10

Work out $\frac{1}{3}$ of 27

$27 \div 3 = 9$

Work out $\frac{2}{5}$ of 50

20

8cm

19cm

Find the area of the rectangle.

$\begin{array}{r} 19 \\ \times 8 \\ \hline 152 \end{array}$

$152 cm^2$

Find the perimeter of the rectangle.

$8 + 19 + 8 + 19 = 54cm$

| 1 | 3 | 10 |

The product of the three numbers on the cards is 30.

Pick 3 suitable numbers.

16th October

Corbettmaths

Work out 293 – 247

$$293 - 247 = 46$$

Work out 23 x 8

$$23 \times 8 = 184$$

Write twenty one thousand in figures.

21000

A barrel weighs 250kg.
A boat is carrying 17 barrels.

Work out the total weight of the barrels

$$250 \times 17$$
$$1756$$
$$2500$$
$$4250$$

4250 kg

---

mirror line

Reflect the shape in the mirror line
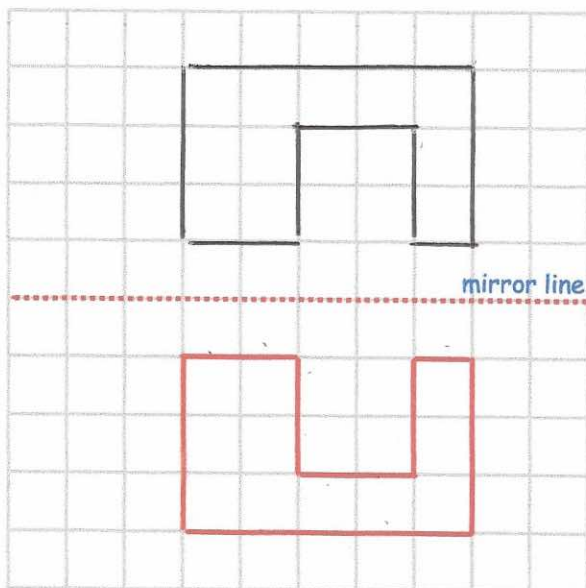
The shape is drawn on centimetre square paper.

Find the perimeter of the shape.

20 cm

17th October

Corbettmaths

19725 people went to watch a football match between Chelsea and Fulham.

Round this number to the nearest thousand.

20,000

Work out 495 + 228

$$\begin{array}{r} 495 \\ +\ 228 \\ \hline 723 \end{array}$$

Work out 4120 − 2911

$$\begin{array}{r} 4120 \\ -\ 2911 \\ \hline 1209 \end{array}$$

Write down the first five multiples of 7.

7, 14, 21, 28, 35

Write down all the factors of 22.

1, 2, 11, 22

2.6   2.7

What number is the arrow pointing to?

2.68

Beth has £2
Gracie has £1.08

How much money should Beth give Gracie so that they have the same amount of money?

92 ÷ 2 = 46

46p

18th October

Corbettmaths

Round 1060 to the nearest hundred.

1100

Round 1060 to the nearest thousand.

1000

Simplify fully

$$\frac{120}{200}$$

$\frac{12}{20} = \frac{6}{10} =$ $\frac{3}{5}$

Circle any prime number

6 9 10 ⑪ 12 ⑬ 15 18

	Brazil	Norway	Canada	Japan	Ireland
Medals won	17	4	18	38	5

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 82.

How many medals did Japan win?

How many 5p coins make up £80?

£1 = 20 × 5p

£80 = 1600 × 5p

1600

19th October

5.2 x 100 _520_	2300 ÷ 100 _23_

Work out

13^2 _169_

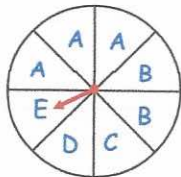|	
Fill in the missing numbers	355 + 2,68 ——— 6 2 3

Fill in the missing numbers

$$\begin{array}{r} \boxed{3}\ 5\ 5 \\ +\ 2,\boxed{6}\ 8 \\ \hline 6\ 2\ \boxed{3} \end{array}$$

A fair spinner has eight equal sections. The sections are labelled A, B, C, D and E as shown below.

Which is the most likely letter that the arrow will land on?

_A_

What is the probability that the arrow lands on a C?

$\frac{1}{8}$

What is the probability that the arrow lands on a G?
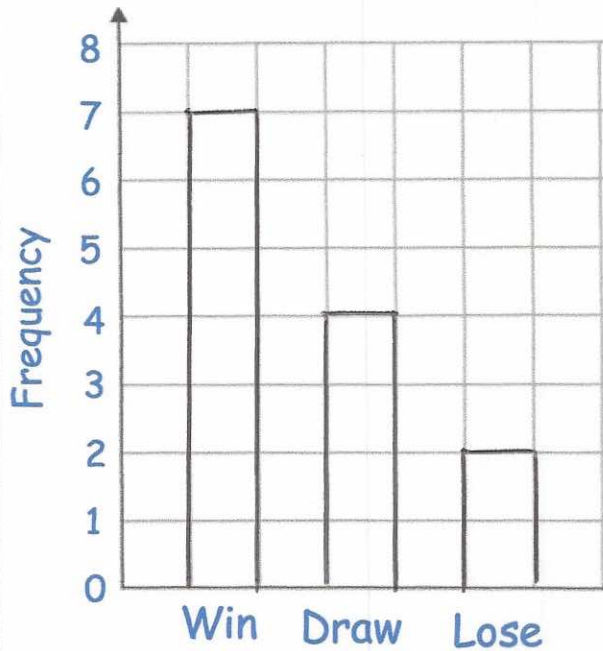
_0_

20th October

Corbettmaths

List the first ten square numbers.

1, 4, 9, 16, 25, 36,
49, 64, 81, 100

Win Win Win Win Lose Draw Lose

Win Draw Win Draw Win Draw

Complete the tally chart and bar chart.

Result	Tally	Frequency
Win	~~IIII~~ II	7
Draw	IIII	4
Lose	II	2

A box of staples holds 1,000 staples. Georgia wants to buy 300,000 staples.

How many boxes of staples should Georgia order?

300

Work out 1211 ÷ 7

$$\begin{array}{r} 0\,|\,7\,3 \\ 7\overline{)1\,{}^12\,{}^51\,{}^21} \end{array}$$

Work out 291 x 8

$$\begin{array}{r} 2\,9\,1 \\ \times\quad 8 \\ \hline 2\,3\,2\,8 \end{array}$$

21st October

Write down all the factors of 30.

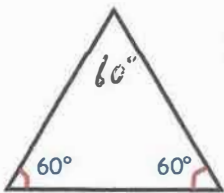$1, 2, 3, 5, 6, 10, 15, 30$

Mark arrives home from school at 4:10pm.

Write this time in 24 hour time.

$16:10$

Write down the tenth **odd** number

1   3   5   7   9
11   13   15   17   19

19

Not drawn accurately

60°

60°   60°

What type of triangle is drawn?
Explain your answer.

Equilateral

All 3 angles are 60 degrees

Emma runs 2.6 miles every day for five days.

How far does she run in total?

$$\begin{array}{r} 2.6 \\ \times\ 5 \\ \hline 13.0 \end{array}$$

13 miles

22nd October

Corbettm𝛂ths

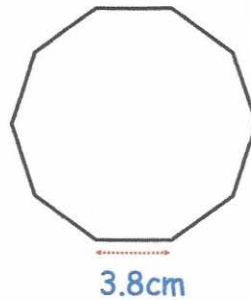List the first ten prime numbers.

2, 3, 5, 7, 11,
13, 17, 19, 23, 29

Write down all the factors of 50.

1, 2, 5, 10, 25, 50

Here is a regular decagon

Work out the perimeter of the decagon

38cm

3.8cm

Write down the next two terms in this sequence

125   137   149   161   173

Work out 10% of £5.

50p

Convert 900 centimetres into metres.

9m

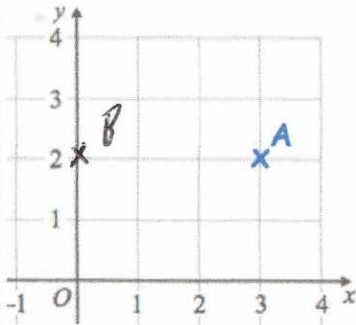Convert 500 millimetres into centimetres.

50cm

23rd October

Corbettmaths

Add together 3.65 and 0.7

$$3.65$$
$$+0.7$$
$$\overline{4.35}$$

Write down the coordinates of the point A.

$$(3, 2)$$

Plot the coordinate (0,2)

What is the name given to the coordinate (0, 0)

The Origin

Flight Number	Destination	Time of Take-off
AY556	New York	07:25
TT001	Sydney	07:55
M8012	Cairo	08:15
NWT9	Oslo	08:40

What is the destination of flight M8012?
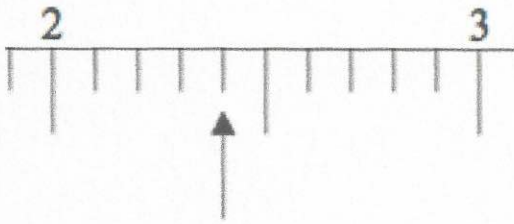
Cairo

The flight to Oslo lasts 3 hours 45 minutes.

What time should it land?

12:25

24th October

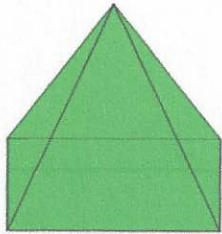What number is the arrow pointing to?
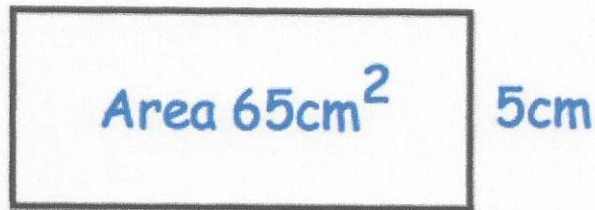
2.4

Write down all the factors of 44

1, 2, 4, 11, 22, 44

How many edges does a square-based pyramid have?

8

---

y

Area 65cm^2 5cm

Find y

13 cm

Simplify the ratio 40:8

20:4

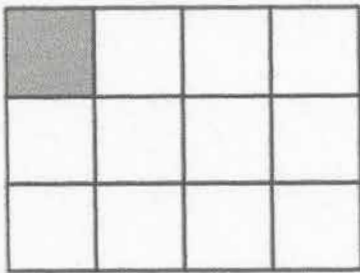10:2

5:1

25th October

Corbettmaths

Round 484 to the nearest ten.

480

Round 885 to the nearest hundred.

900

What fraction of the shape is shaded?

$\frac{1}{12}$

List the first 5 multiples of 9

9 18 27 36 45

List all the factors of 20.

1 , 2 , 4 , 5 , 10 , 20

Kam runs 1.5 miles every day for five days.

How far does he run in total?

$$\begin{array}{r} 1.5 \\ \times\ 5 \\ \hline 7.5 \end{array}$$

19   20   21

The three numbers on the cards have a sum of 60.

Write the numbers on the cards.
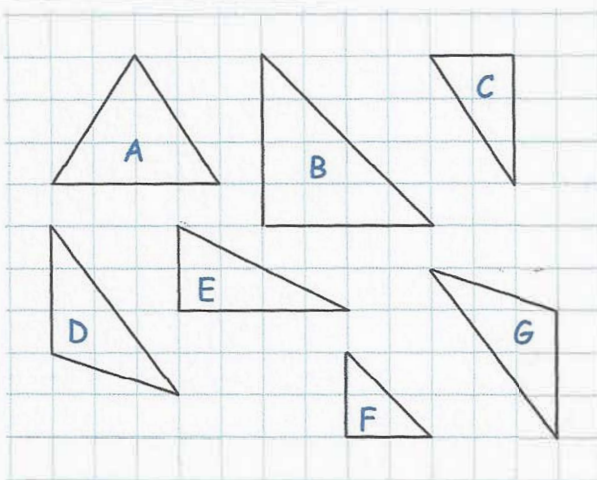
any 3 numbers that add up to 60

26th October

Corbettmaths

Write the number 7112 in words.

Seven thousand, one hundred and twelve

Write the number **two million** in figures.

2,000,000

Write down the letters of the two triangles which are congruent.

D and G

Write down the letters of the triangles that are right angled.

B, C, E, F

Tina is 1.78 metres tall.
Fiona is 4 centimetres taller than Tina.

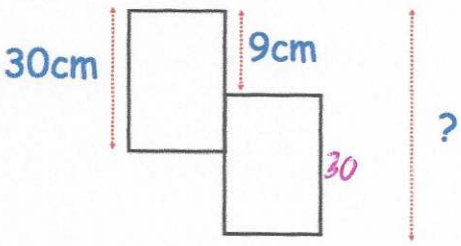Work out Fiona's height in metres.

1.82 m

Riaz is buying a TV for £400.
He pays a deposit that is half of the cost.
He will pay the remaining cost over 10 monthly payments.

How much is each payment?
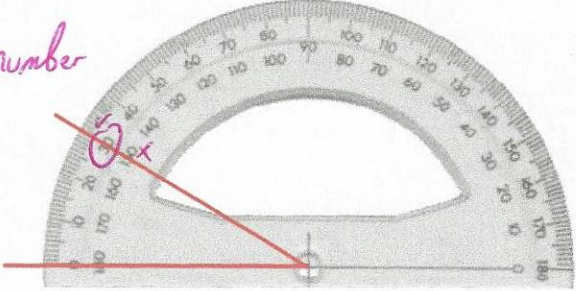
£200 deposit.
400 - 200 = 200
£200 ÷ 10 = £20

27th October

Corbettmaths

39 x 10 390	940 x 100 94000
Martin works from 6am until 3pm 9 from Monday to Thursday. On Friday he works from 8am until 1pm. 5 On Saturday he works from 2pm until 5pm. 3	How many hours does Martin work in total? $4 \times 9 = 36$ $36 + 5 + 3 = 44$
Martin is paid £12 per hour. How much is he paid? 44×12 £528	
-5 x 6 −30	**20 ÷ -5** −4
List the first 10 square numbers 1 4 9 16 25 36 49 64 81 100	List the first 10 prime numbers 2 3 5 7 11 13 17 19 23 29

28th October

Work out 0.89 x 10 *8.9*	Work out 64.5 ÷ 10 *6.45*
Simplify fully $\dfrac{35}{60}$ *$\dfrac{7}{12}$*	
 30cm 9cm *30* ?	Shown are two identical rectangles. Find the missing length *39cm*
23 + 43 + 95 *23 43 +95 161*	392 x 6 *392 X 6 2352*
9^2 *81*	What is the square root of 49? *7*

29th October

Corbettmaths

A pen costs £2.37.
Thomas pays with a £5 note.

Work out how much change he
should receive.

£2.63

Jonathan has been asked to draw a
150° angle. *Jonathan has read the wrong number*
Explain what he has done wrong.

The angle is acute
(less than 90°)
It is 30°

Work out −8 + 3

−5

Work out 7 − 12 + 1

−4

9815 + 4824

9815
4824
14639

394 x 3

394
x 3
1182

---

44 cars are parked in a car park at
1pm.

By 3pm, another 61 cars have
entered the car park and 48 have
left.

How many cars are in the car park
at 3pm?

57

30th October

Corbettmaths

A race lasted 482 seconds.

Write 482 correct to the nearest 100.

500

Write 482 seconds in minutes and seconds.
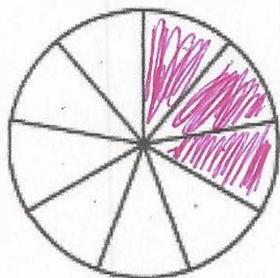
Minutes __8__ Seconds __2__

How many weeks are there in 3 years?

3 × 52 = 156

How many years is it from 1972 to 2017?

2017 − 1972 = 45

Shade in ⅓ of the circle.

Antoni scores 6 out of 8 in a quiz.

Work out his score as a percentage

$\frac{6}{8} = \frac{3}{4}$

75%

Seven people spend £92.75 in total on a meal.
They share the cost equally.

How much does each person pay?

1 3 2 5
7)92⁴7³5

£13.25

Name: _____   5-a-day   Numeracy

31st October

Corbettmaths

A town was founded in 1675.

How many years old is the town?

Currently-ear - 1675

2017 - 1675 = 342

(will increase in the future)

What is the value of the 6 in 1675.

600

A ————————— x ————— B
         C

Measure the length of the line AB.

58 mm or 5.8 cm.

(will depend on printing size)

Mark with an X, the point C which is the midpoint of AB.

How many lines of symmetry does the sign have?

0

Write down the number that is halfway between 1.6 and 1.7

1.65

Foxtown			
52	Sandcliff		
70	32	Red Island	
31	14	28	Donhampton

The table shows the distances in miles by road between some towns.

Write down the distance between Sandcliff and Donhampton

14 miles