Name: _____ Primary 5-a-day Gold

1st June

6^2

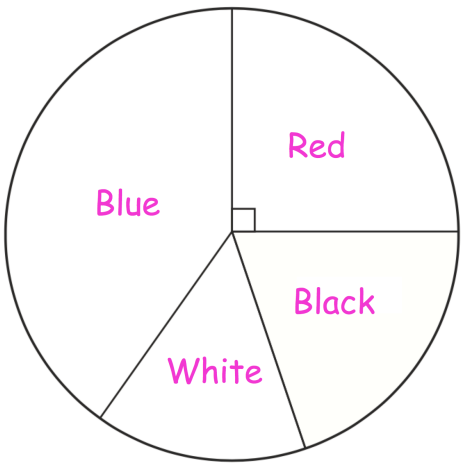
$\frac{3}{4} - \frac{5}{8}$

Write the missing values

$$\frac{3}{5} = \frac{9}{\square} = \frac{\square}{30}$$

There are 40 cars in a car park.

The chart shows information about their colours



Tick the statements that are **true**

There are more red than white cars ☐

The total number of black and white cars is 20 ☐

25% of the cars are red ☐

There are less than 20 blue cars ☐

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Name: _____ Primary 5-a-day Gold

2nd June

$175 - 210$

79×13

Raheem is putting 50p coins into bags.

Each bag holds 20 coins.

He has 645 coins

How many bags can Raheem fill?

How many coins will be left over?

How much money does he have in total?

Two angles in a triangle are 80° and 50°

Is the triangle isosceles? YES NO

Explain your answer

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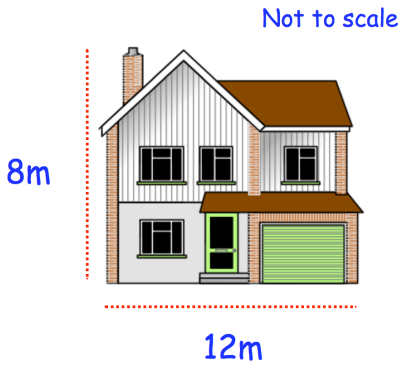
Name: _____ Primary 5-a-day Gold

3rd June

$1{,}925 \div 7$

10% of $60{,}500$

A house is 12 metres wide and 8 metres tall.



Kirsty makes a scale model of the house.

Her model is 16 centimetres tall

How wide is her model?

How many centimetres are in 12 metres?

Here is a number written in Roman numerals

CCCXI

Write the number in figures

© Corbettmaths 2017

Name: _____ Primary 5-a-day Gold

4th June

$$3 \times \frac{3}{10}$$

$$75{,}390 + 16{,}998$$

County	Area
Yorkshire	15,000 km²
Huntingdonshire	1,000 km²

How many times larger is the area of Yorkshire than the area of Huntingdonshire?

In June, Spencer collects 3, 4 or 5 strawberries from his greenhouse.

In the first 17 days, Spencer collects 76 strawberries.

What is the **greatest** number of strawberries that Spencer can collect in June?

Find three different prime numbers with a sum of 40.

☐ + ☐ + ☐ = 40

prime number prime number prime number

© Corbettmaths 2017

Name: _____ Primary 5-a-day Gold

5th June

$1.04 \times 1{,}000$

$8 \overline{)8\ 7\ 9\ 2}$

Edward has drawn a 3-D shape.

His shape has 6 vertices.
It has 9 edges.
It has 5 faces.

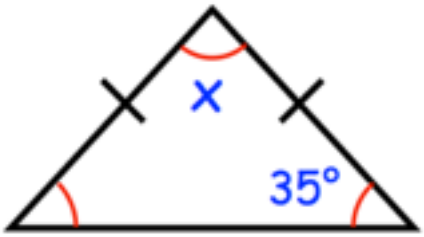
What 3-D shape has Edward drawn?

Martin finished a 10 kilometre race in 47 minutes 13 seconds.

Dean finished 9 minutes 54 seconds **after** Martin.

How long did Dean take?

min sec



Calculate the size of angle x

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Name: _____ Primary 5-a-day Gold

6th June

Simplify $\frac{16}{28}$

8^3

Change 0.43 kilograms to grams

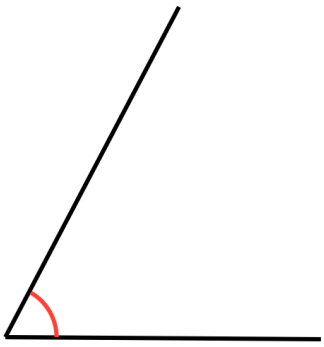
Emily buys a car for £9,000

She pays a 25% deposit for the car.

She then pays the rest of the cost in 10 equal payments.

How much was each payment?

Measure the size of this angle



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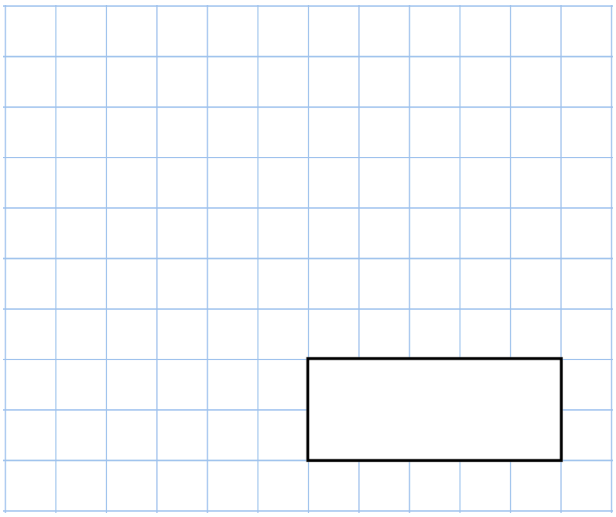
Name: _____ Primary 5-a-day Gold

7th June

$$\frac{\square}{9} = \frac{27}{63}$$

$$1{,}904 \times 6$$

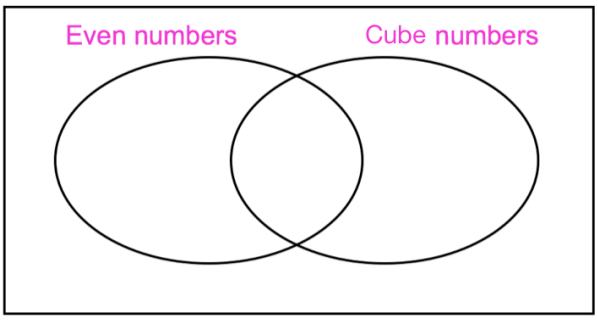


Four triangles have the same area.

Which triangle has a different area?

Find the area of triangle C

Write each number in the correct position on the diagram



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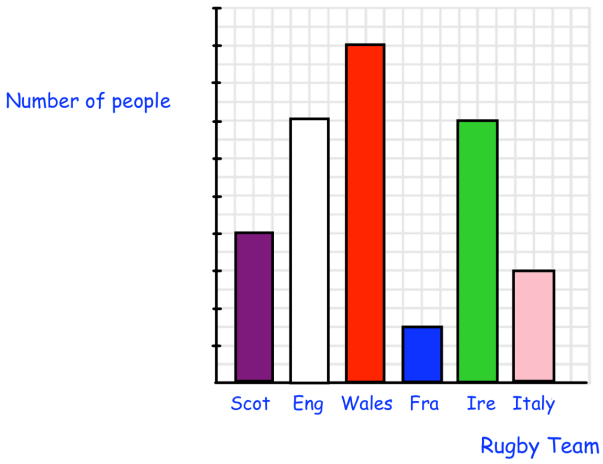
Name: _____ Primary 5-a-day Gold

8th June

25% of 308

$\frac{1}{4} + \frac{7}{12}$

Jonathan asked his friends which country they support in rugby.
He has shown the results in a bar chart.



Jonathan has drawn the bar chart accurately, but he has forgotten to label the number of people.

Find the missing numbers

Rugby Team	Number of people
Scotland	
England	
Wales	
France	9
Ireland	
Italy	

Frank thinks of a **whole** number.

He multiples it by 6.
He rounds his answer to the nearest 10

The answer is 70

Write all the possible numbers that Frank could have started with

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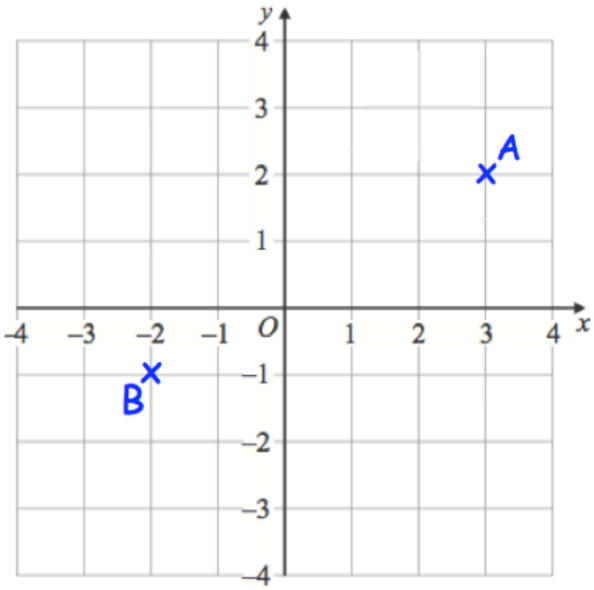
Name: _____ Primary 5-a-day Gold

9th June

13×12

20% of 120



Write down the coordinates of point A.

Dani uses coordinates A and B as two of the vertices of a right angled triangle.

What are the coordinates of the missing vertex?

Here are four numbers in Roman numerals

XC LXXV CII LVIII

Write the numbers in order, starting with the **smallest**.

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Name: _____ Primary 5-a-day Gold

10th June

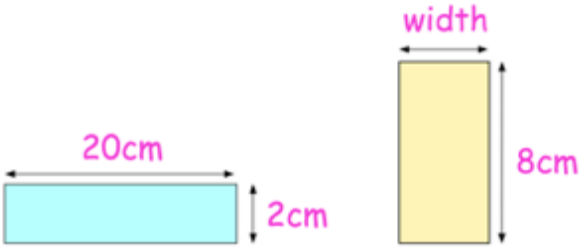
$$\frac{7}{15} - \frac{1}{5}$$

$$\square^3 = 1{,}000$$

A group of 9 friends go on a holiday.

The total cost of the holiday is £6534

How much does each person pay?



These two rectangles have the same area

Work out the width of the yellow rectangle

A box contains red, yellow and blue sweets.
In total there are 80 sweets.

20% of the sweets are yellow.
There are 6 more red sweets than yellow sweets.

What fraction of the sweets are blue?

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Name: _____ Primary 5-a-day Gold

11th June

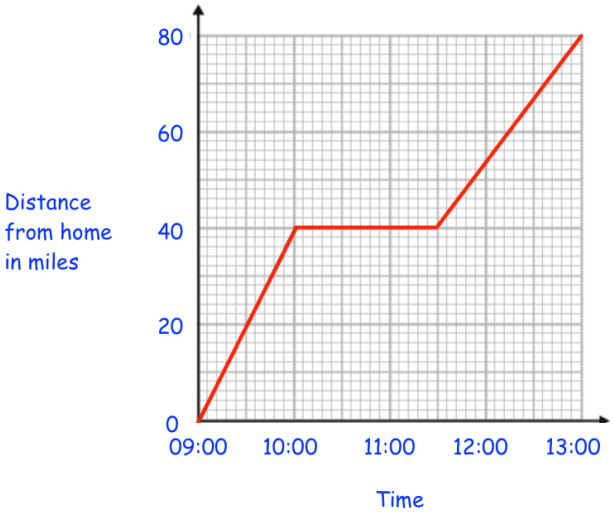
$$0.6 = \frac{\square}{\square}$$

$$1{,}040 \div 40$$

There are 1,596 fans at a football match.

$\frac{3}{7}$ of the fans are children.

How many adults attended the football match?



Natalie travels from her home to London. She stopped and visited her friend Edward on the way.

How far was Natalie from home when she visited Edward?

How long did Natalie stop for?

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Name: _____ Primary 5-a-day Gold

12th June

$\square^3 = 64$

$\frac{19}{20} - \frac{7}{10}$

A box contains red, yellow and blue sweets.
In total there are 80 sweets.

10% of the sweets are yellow.
There are 6 more red sweets than yellow sweets.

What fraction of the sweets are blue?

Shape C is translated **1 right** and **5 up**

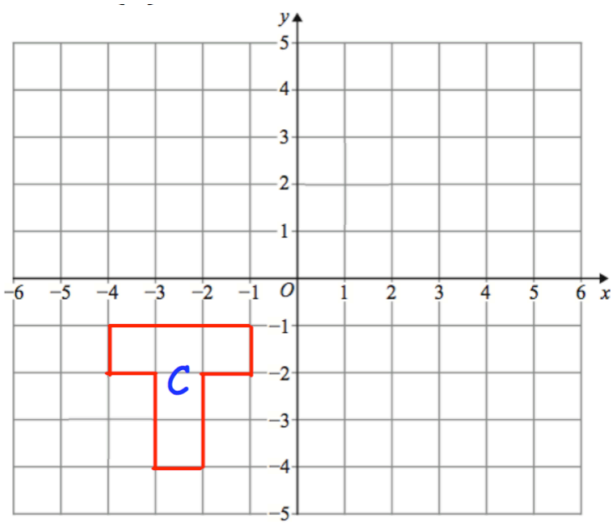
Draw the shape in its new position.

Label the new shape, D.

Shape D is translated **3 right and 3 down**.

Draw the shape in its new position.

Label the new shape E.



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Name: _____ Primary 5-a-day Gold

13th June

30^2

$$\begin{array}{r} 152 \\ \times \quad 34 \\ \hline \end{array}$$

Write these numbers in order, starting with the **smallest**

0.78 0.506 0.64 0.097 1.001

Mr Smith puts up 7 shelves in his garage. Each shelf is 174cm long.

Work out the total length of wood Mr Smith needs for the 7 shelves.

Give your answer in metres.

A snowboarder completes 4 somersaults in a jump.

How many degrees does she turn through in the jump?

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Name: _____ Primary 5-a-day Gold

14th June

Simplify $\frac{3}{15}$

$25\overline{)4100}$

List the factors of 32.

A number in Roman numerals is LV

Write LV in figures

3 students sit a test.
The total for the test is 80 marks.

Emily got 60% of the 80 marks

Rebecca got $\frac{5}{8}$ of the 80 marks

Roisin got 57 out of 40 marks

Put the students in order, starting with who scored the most marks

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Name: _____ Primary 5-a-day Gold

15th June

$25 \times 14 \times 5$

75% of 608

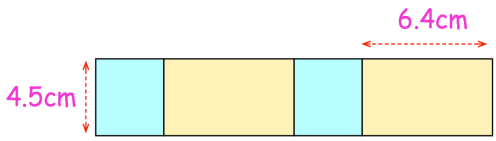
30% of the children in a class are left-handed.

There are 20 students in the class.

How many children are right-handed?

Write down the first 3 prime numbers

Here is a shape made from two identical squares and two identical rectangles.



Work out the perimeter

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Name: _____ Primary 5-a-day Gold

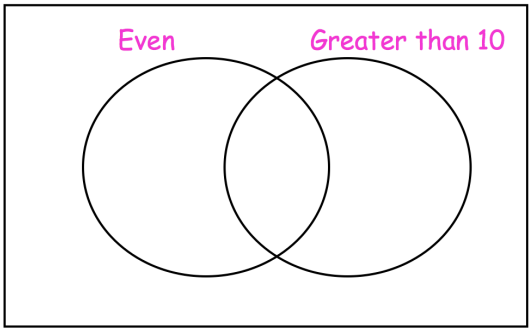
16th June

$80 \div 1{,}000$

$2 \times 1\frac{1}{4}$

Put these numbers in the correct place on the diagram

6 7 12 13 14



Circle two different numbers that multiply together to make one million.

100 1,000 10,000 100,000

Caleb thinks of a number

He divides it 4
Then he adds 15.

His answer is the same as his starting number.

What number did Caleb start with?

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Name: _____ Primary 5-a-day Gold

17th June

$$\frac{3}{4} = \frac{39}{\square}$$

$$6.35 + 2.915 + 5.2$$

50% of a number is 30

What is the number?

Almonds cost £1.20 per 100 grams

What is the cost of 250 grams of almonds?

Cafe Red sells 3 sandwiches for £5.28
Sandwich World sells 4 sandwiches for £7.00

Which shop is better value for money?

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Name: _____ Primary 5-a-day Gold

18th June

$\frac{1}{4} = \boxed{\quad\quad\%}$

$\boxed{\quad\quad\%}$

85×41

$\boxed{\quad\quad}$

Matt asked 28 people to see how they travelled to work.

Matt says, **"exactly 10% of the people in the survey said they travelled by train."**

Explain why Matt is **wrong**

Write these numbers in order, starting with the smallest.

9.21 9.091 9.119 9.2 9.29

Three whole numbers have a mean of 30.

All the numbers are different.

Write down three possible numbers

$\boxed{\quad\quad}$ $\boxed{\quad\quad}$ $\boxed{\quad\quad}$

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Name: _____ Primary 5-a-day Gold

19th June

$$6\overline{)4\,0\,5\,0}$$

$$\frac{7}{20} + \frac{1}{5}$$

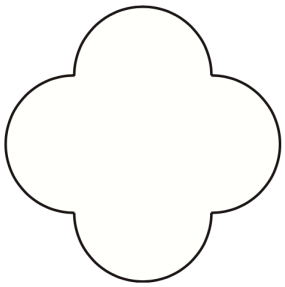
Michael and Rosie each have a bottle of water.

Michael's bottle contains $1\frac{3}{4}$ litres

Rosie's bottle contains 2.2 litres

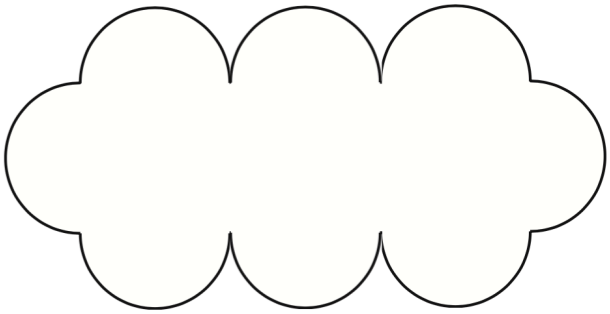
How many more **millilitres** of water does Rosie have than Michael?

This shape is made from four identical curves



The perimeter of the shape is 32 centimetres.

A new shape is made out of curves of the same size



What is the perimeter of the new shape?

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Name: _____ Primary 5-a-day Gold

20th June

$$8{,}900 + 52{,}800$$

$$\frac{3}{\square} = \frac{36}{96}$$

Here are 6 tiles

9	7
4	1

8	9
3	8

7	0
2	5

8	4
3	7

5	2
4	8

2	5
1	6

The tiles are placed on the grid below so that the column and row totals add up to the numbers shown.

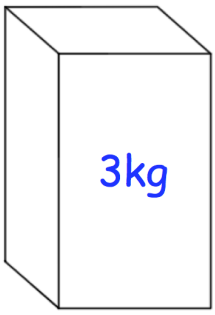
The two shaded tiles have been placed on the grid for you.
Place the other four tiles onto the grid.

							total
					9	7	30
					4	1	24
	8	9					36
	3	8					28
total	20	27	20	16	16	19	

A box contains 3kg of rice

Laura uses 75 grams of rice for each meal.
She uses all the rice.

How many meals did Laura make?



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Name: _____ Primary 5-a-day Gold

21st June

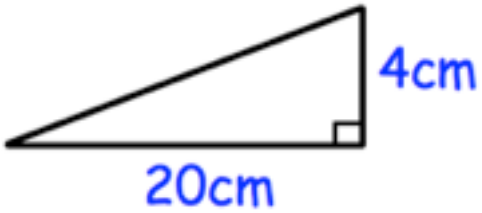
$160 \times 1{,}000$

$$\begin{array}{r} 340 \\ \times \quad 62 \\ \hline \end{array}$$

Cheese
35p per 100g

Cheryl buys some cheese for £1.05

How many grams of cheese does she get?



Find the area of this triangle

Andrew has £80.20
Beth has £7.40

How much must Andrew give Beth so that they each end up with the same amount?

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Name: _____ Primary 5-a-day Gold

22nd June

$$\frac{28}{5} = 5\frac{\square}{5}$$

$$44 \times 19 = 4 \times \square$$

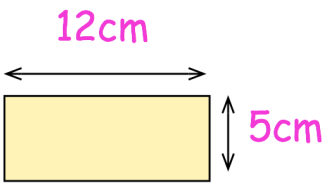
Marcus has five coins.

Three of the coins add to £70p
Three of the coins add up to £2.20

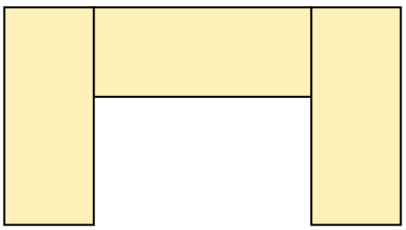
All five coins add up to £3.70

What are the coins that Marcus has?

Zara has some identical rectangles.



She makes this shape using three of the rectangles



What is the perimeter of Zara's shape?

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Name: _____ Primary 5-a-day Gold

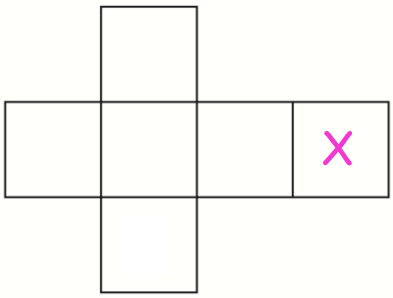
23rd June

$10\% \text{ of } 70$

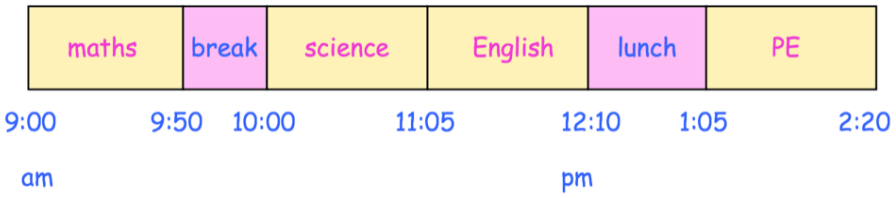
$260.3 - 118.49$

Here is a net of a cube.

Draw one more cross so that the cube will have crosses on opposite faces



Here is Jessica's timetable on a Wednesday



How long does the science lesson last?

Jessica leaves school early to go to the doctor. She leaves 20 minutes before the end of her English lesson.

What time did Jessica leave?

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Name: _____ Primary 5-a-day Gold

24th June

$30\% \text{ of } 90$

$\frac{7}{10} - \frac{1}{2}$

Write three factors of 30 that are **not** factors of 15

A box of staples contains 1,000 staples.

A secretary wants to order three million staples.

How many boxes of staples should they order?

Find the mean of these numbers

17 18 15 22 33

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Name: _____ Primary 5-a-day Gold

25th June

$-25 + 33$

$1.4 - 0.522$

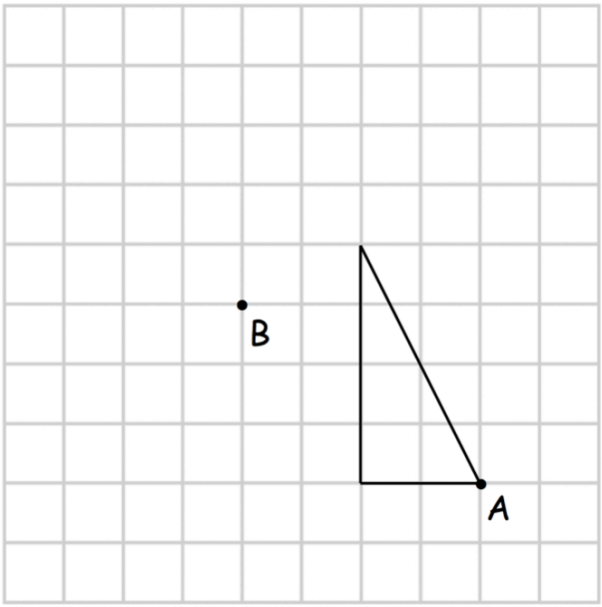
A toad croaks every 10 seconds.
A frog croaks every 18 seconds.
They both croak at the same time.

After how many seconds will they next both croak at the same time?

Here is a triangle on a grid.

The triangle is translated so that point **A** moves to point **B**.

Draw the triangle in its new position.



Find the area of each triangle.

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Name: _____ Primary 5-a-day Gold

26th June

Simplify $\frac{8}{30}$

$3948 \div 6$

Find the total number of people living in these four cities.

City	Population
Brighton	273,369
Preston	190,687
Birmingham	1,224,136
Telford	166,641

In a bag there are red, green, pink and white beads.

Altogether there are 80 beads.

There are 23 red beads.
There are an equal number of green, pink and white beads.

What fraction of the beads are white?

Gareth chooses a **square number**

He rounds it to the nearest hundred.

His answer is 200.

Write a possible square number that Gareth could have chosen.

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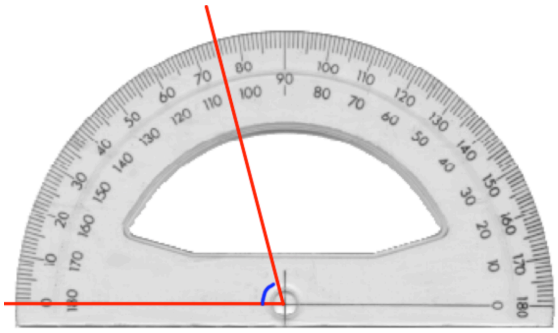
Name: _____ Primary 5-a-day Gold

27th June

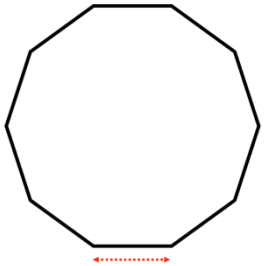
7^2

$5{,}000 \div 20$

What size is the angle being measured?



Find the perimeter of this regular decagon



Complete this table

Fraction	Decimal	Percentage
	0.5	
$\frac{3}{4}$		
$\frac{1}{5}$		
		30%

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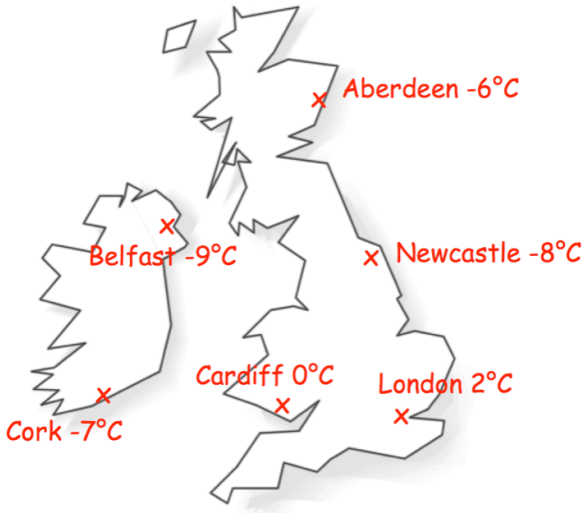
Name: _____ Primary 5-a-day Gold

28th June

$$0.2 = \frac{\square}{\square}$$

$$285 \times 11$$



Arrange the cities in order of temperature, starting with the coldest.

The temperature in Berlin is 5°C colder than Newcastle.

What is the temperature in Berlin?

Timothy orders the following items at a restaurant.

4 pizzas at £4.49 each.
2 garlic breads at £3.10 each.
2 orange juices at £1.19 each.
2 sparkling water at 99p each.

Complete the bill

Corbett Cuisine		
	£	pence
4 pizzas at £4.49	17	96
2 garlic bread at £3.10		
2 orange juice at £1.19		
2 sparkling water at 99p		
Total		

© Corbettmaths 2017

Name: _____ Primary 5-a-day Gold

29th June

$$9\frac{2}{3} = \frac{\square}{3}$$

$$\begin{array}{r} 46 \\ \times \quad 37 \\ \hline \end{array}$$

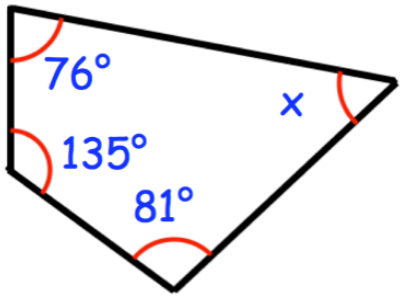
7 19 2 17 81 9 1 27 99 101 100 55

From the box choose the **smallest** prime number

From the box choose the **largest** prime number

From the box write down **three** numbers that are **not prime**

Find the size of angle x



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Name: _____ Primary 5-a-day Gold

30th June

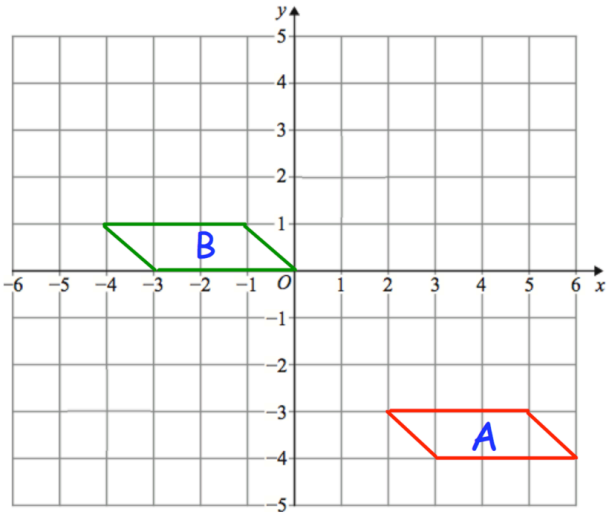
5^3

$\frac{13}{30} + \frac{1}{2}$

Find the next two numbers in this sequence.

99,810 99,870 99,930

A parallelogram is translated from position **A** to position **B**.



Complete the sentence

The parallelogram has moved

squares to the left

and squares up

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