

Name: \_\_\_\_\_

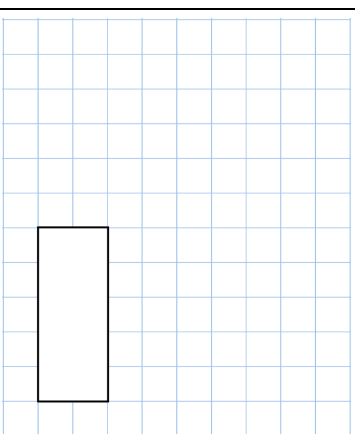
Primary 5-a-day

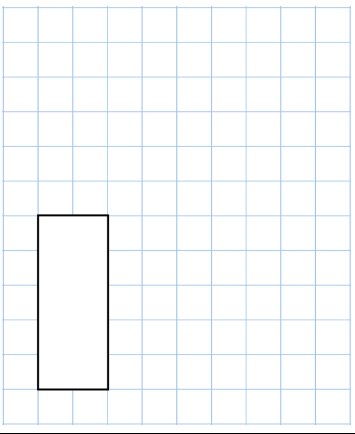
Platinum

1st April

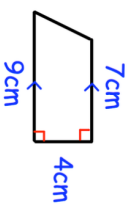
$$910 \div 26$$

$$1.82 \times 23$$


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Work out the area of the trapezium



A company is holding a charity concert.

800 people work for the company.  
35% of the people who work for the  
company goes to the concert.

The cost of each ticket is £16.

How much money will be raised for  
charity?

Name: \_\_\_\_\_

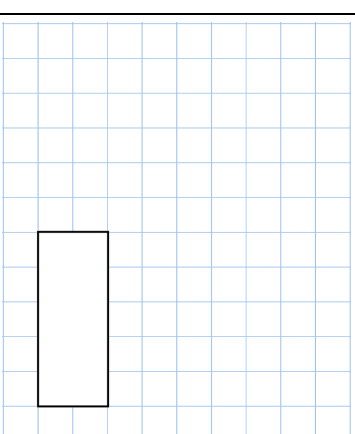
Primary 5-a-day

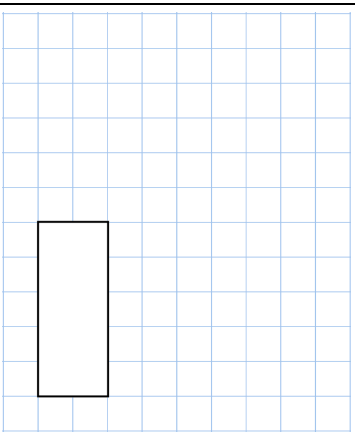
Platinum

1st April

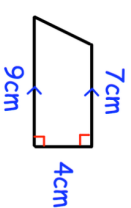
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Name: \_\_\_\_\_

Primary 5-a-day

Platinum



2nd April

$$0.08 = \frac{\square}{\square}$$

$$424 \times 357$$

Grid for calculation

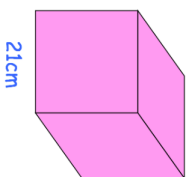
Grid for calculation

A jet flies at 500 miles per hour for 1 hour 30 minutes.



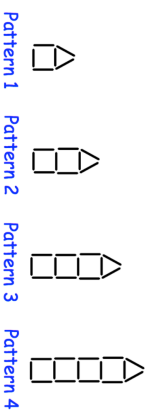
How far does the jet travel?

Work out the volume of this cube



21cm

How many sticks are in Pattern 6?



Pattern 1   Pattern 2   Pattern 3   Pattern 4

Name: \_\_\_\_\_

Primary 5-a-day

Platinum



2nd April

$$0.08 = \frac{\square}{\square}$$

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Grid for calculation

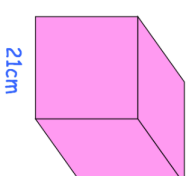
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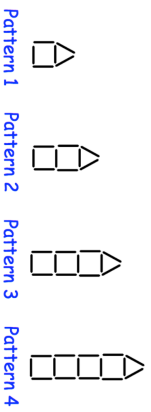
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Name: \_\_\_\_\_

Primary 5-a-day

Platinum



4th April

$$0.485 = \boxed{\phantom{000}} \%$$

$$72 \times 1,098$$

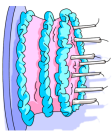
%

Niall was born in 2015  
Naomi was born in 2005

What was the ratio Niall's age to Naomi's age on their birthday in 2017?

They have the same birthday

Write the ratio in its simplest form

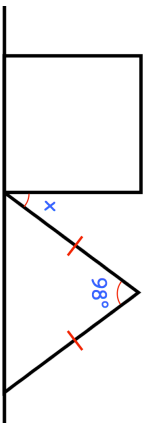


The ratio of Niall's age to Naomi's age on their birthday in 2016 was 1:11

In year is the ratio of Niall's age to Naomi's age 1:2?

Shown is a square and an isosceles triangle on a straight line.

Find x



Name: \_\_\_\_\_

Primary 5-a-day

Platinum



4th April

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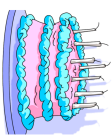
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Name: \_\_\_\_\_

Primary 5-a-day

Platinum

5th April



$$\frac{9}{10} \div 3$$

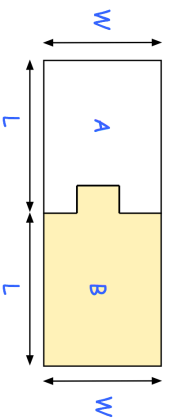
$$901,888 + 1,989,447$$

<input type="text"/>
----------------------

<input type="text"/>
----------------------

Round 384.456094 to 3 decimal places

A and B are two shapes that fit together.



Circle the correct statement in each box

The area of A is greater than the area of B

The area of A is equal to the area of B

The area of A is less than the area of B

The perimeter of A is greater than the perimeter of B

The perimeter of A is equal to the perimeter of B

The perimeter of A is less than the perimeter of B

Name: \_\_\_\_\_

Primary 5-a-day

Platinum

5th April



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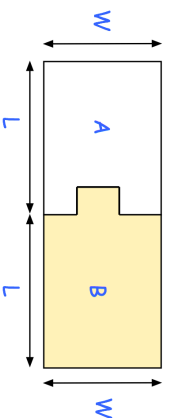
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Name: \_\_\_\_\_

Primary 5-a-day

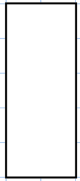
Platinum



7th April

15% of 32

$$\frac{\square}{0.5} = 112$$



Draw the net of a cylinder



Ed has 24 sweets.

The ratio of green to red sweets is 3:5.

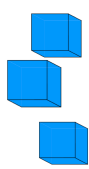
How many red sweets does Ed have?



Henrik has 50 centimetre cubes.

He wants to make a cube with edges that are 4cm long.

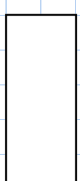
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7th April

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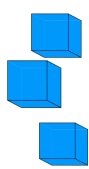
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Name: \_\_\_\_\_

Primary 5-a-day

Platinum

8th April



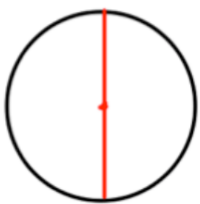
$$8 \times 8 + 8 \times 2$$

<input type="text"/>
----------------------

$$\begin{array}{r} 195 \\ \times 163 \\ \hline \end{array}$$

<input type="text"/>
----------------------

What part of the circle is shown in red?



$$10w + 4$$

When  $w = 0.5$ , the value of  $10w + 4$  is a square number because  $10 \times 0.5 + 4 = 9$

Write a value for  $w$  so that  $10w + 4$  is a prime number

Write down five **different** numbers with a mean of 6.

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Name: \_\_\_\_\_

Primary 5-a-day

Platinum

8th April



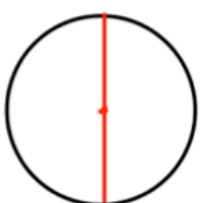
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Name: \_\_\_\_\_

Primary 5-a-day

Platinum

9th April



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

$$20 - 3^3$$

Grid for calculation of  $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$

Grid for calculation of  $20 - 3^3$

At Carlisle bus station, 45% of buses were late in a week.

In that week there were 680 buses.

Work out how many buses were on time.

20 £1 coins have a mass of 175 grams

Find the mass of 23 £1 coins.



Lisa and Anna each start with the same number.

Lisa rounds the number to the nearest hundred.  
Anna rounds the number to the nearest thousand.

Anna's answer is double Lisa's answer.

Explain how this can be.

Name: \_\_\_\_\_

Primary 5-a-day

Platinum

9th April



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$$20 - 3^3$$

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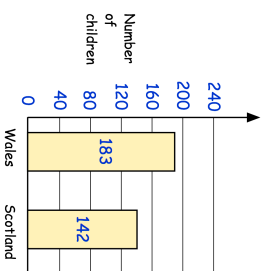
10th April

$$1\frac{1}{3} \times 3$$

$$7,658 \div 14$$

The children in year 6 were asked if they had visited Wales, Scotland or both.

How many children visited **both** Wales and Scotland?



Altogether there are 251 children in Year 6

Arrange the following in order from smallest to largest

$$0.13 \quad \frac{3}{20} \quad 12\% \quad \frac{1}{10} \quad 0.09$$



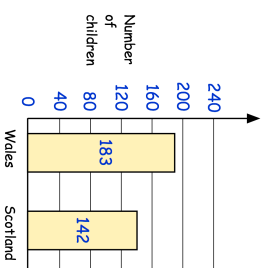
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Name: \_\_\_\_\_

Primary 5-a-day

Platinum

11th April



$$35\% = \frac{\square}{\square}$$

<p>Find the missing number</p>	<p>356 × 126</p>
<p><math>\frac{1}{12}</math> of a number is 7. What is half of the number?</p>	<p>Was £60 Reduced by <input type="text"/> % Now £48</p>

$$356 \times 126$$

<p>Find the missing number</p>	<p>356 × 126</p>
<p><math>\frac{1}{12}</math> of a number is 7. What is half of the number?</p>	<p>Was £60 Reduced by <input type="text"/> % Now £48</p>



Was £60  
Reduced by  %  
Now £48

A farmer says he has 1,500 cows to the nearest 100.  
What is the smallest possible number of cows that he has?

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Name: \_\_\_\_\_

Primary 5-a-day

Platinum

11th April

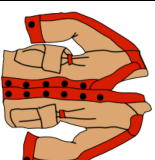


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Name: \_\_\_\_\_

Primary 5-a-day

Platinum



12th April

$$5\% \times 1,400$$

<input type="text"/>

$$0.07 \times 210$$

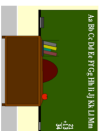
<input type="text"/>

Write MMXXIV in figures

The ratio of boys to girls in a class is 2:3

Ben says there are 27 students in the class.

Explain why Ben must be wrong.



A 2p coin has a radius of 1.3cm

Jody makes a straight line of 2p coins worth £6



How long is the line?  
Give your answer in metres.

Name: \_\_\_\_\_

Primary 5-a-day

Platinum



12th April

$$5\% \times 1,400$$

<input type="text"/>

$$0.07 \times 210$$

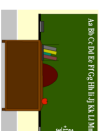
<input type="text"/>

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Name: \_\_\_\_\_

Primary 5-a-day

Platinum



13th April

$$\frac{5}{6} - \frac{2}{9}$$

$$0.08 \times 14$$

Grid for calculation of  $\frac{5}{6} - \frac{2}{9}$ . Includes a rectangular box for the answer.

Grid for calculation of  $0.08 \times 14$ . Includes a rectangular box for the answer.

For every 3 penalties Jamie takes, he scores 2.

Altogether Jamie scored 18 penalties.

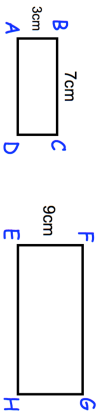
How many did he take?

At the end of a film, the year MMXXV is given in Roman numerals.

Write MMXXV in figures

Here are two similar rectangles.

Work out the length of EH



Name: \_\_\_\_\_

Primary 5-a-day

Platinum



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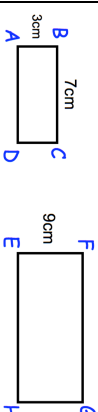
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Name: \_\_\_\_\_

Primary 5-a-day

Platinum

14th April

$$\frac{2}{3} = \boxed{\phantom{00}} \%$$

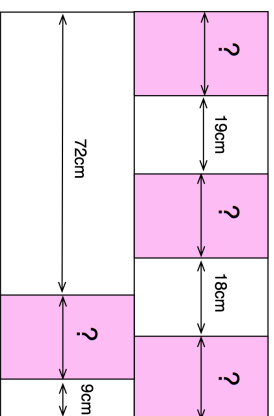
$$12 \times 12 \times 9 \times 9$$

Grid area for drawing a 320° angle. A box with a percentage sign (%) is provided for the answer.

Draw a 320° angle

Grid area for calculation. A box is provided for the answer.

In this diagram, the pink rectangles are all of equal width.  
Calculate the width of one of the pink rectangles



Name: \_\_\_\_\_

Primary 5-a-day

Platinum

14th April

$$\frac{2}{3} = \boxed{\phantom{00}} \%$$

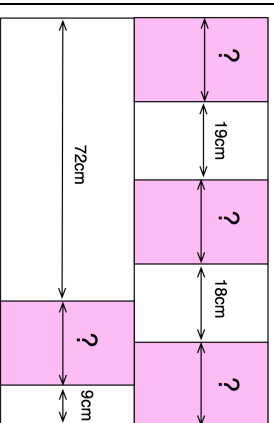
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Name: \_\_\_\_\_

Primary 5-a-day

Platinum

15th April



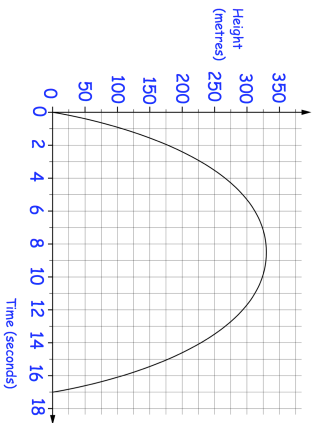
$$40 - 16 \div 2$$

Blank grid for calculation

$$\begin{array}{r} 2994 \\ \times 62 \\ \hline \end{array}$$

Blank grid for calculation

This graph shows the height of a drone at different times



Estimate how long the drone was **more than 100 metres** above the ground.

Estimate how many metres the drone rises in the first 3 seconds of flight.

Conor won some money in a raffle.

He gave 25% of the money to his mum.

Conor then gave  $\frac{2}{3}$  of the money remaining to his dad.

Conor has £60 left

How much money did Conor give to his mum?

Name: \_\_\_\_\_

Primary 5-a-day

Platinum

15th April



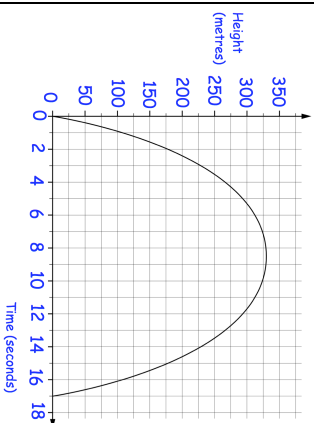
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Name: \_\_\_\_\_

Primary 5-a-day

Platinum



17th April

$$35\% \times 2,000$$

$$0.8 \times 300$$

Grid for calculation of  $35\% \times 2,000$

Grid for calculation of  $0.8 \times 300$

One gram of copper costs \$0.74.

What is the cost of **half a tonne** of copper?

The numbers in this sequence increase by the same amount each time.

Find the two missing numbers

<input type="text"/>	$1\frac{1}{2}$	$2\frac{2}{3}$	$3\frac{5}{6}$	<input type="text"/>
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Find the value of y in this equation

$$6 + 3y = 42 - 3y$$

Name: \_\_\_\_\_

Primary 5-a-day

Platinum



17th April

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Find the value of y in this equation

$$6 + 3y = 42 - 3y$$

Name: \_\_\_\_\_

Primary 5-a-day

Platinum



18th April

$$\frac{2}{3} - \frac{1}{8}$$

Grid for calculation of  $\frac{2}{3} - \frac{1}{8}$ . Includes a rectangular box for the answer.

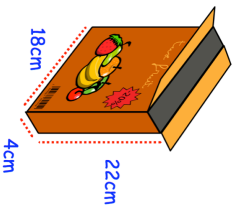
9% of 600

Grid for calculation of 9% of 600. Includes a rectangular box for the answer.

There are 30,000 fans at a football match.  
41% of the fans are women.  
Work out how many women went to the match.



Find the volume of this box



- Serves 6 people
- 1 kilogram of mince
- 400 grams of tomatoes
- 3 chillies
- 600 grams of kidney beans
- Donna uses 3kg of tomatoes.

How many people is she cooking for?

Name: \_\_\_\_\_

Primary 5-a-day

Platinum



18th April

$$\frac{2}{3} - \frac{1}{8}$$

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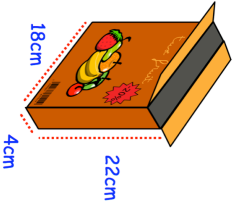
9% of 600

Grid for calculation of 9% of 600. Includes a rectangular box for the answer.

There are 30,000 fans at a football match.  
41% of the fans are women.  
Work out how many women went to the match.



Find the volume of this box



- Serves 6 people
- 1 kilogram of mince
- 400 grams of tomatoes
- 3 chillies
- 600 grams of kidney beans
- Donna uses 3kg of tomatoes.

How many people is she cooking for?



Name: \_\_\_\_\_

Primary 5-a-day

Platinum

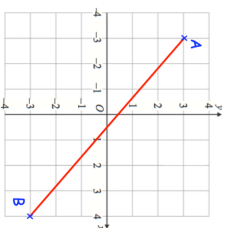
20th April

$$\frac{5}{9} \div 2$$

$$\frac{1}{4} + \frac{1}{3} + \frac{1}{10}$$

The point A has coordinates  $(-3, 3)$   
The point B has coordinates  $(4, -3)$

Find the coordinates of the midpoint of the line AB



Find the LCM of 24 and 30

Matilda thinks of a number,  $n$ .

She adds 2 and then multiplies by 3.  
Which expression is correct?

- A**  $n + 2 \times 3$       **B**  $3n + 2$       **C**  $(n + 2) \times 3$

Name: \_\_\_\_\_

Primary 5-a-day

Platinum

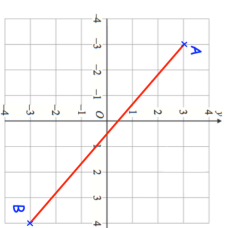
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Name: \_\_\_\_\_

Primary 5-a-day

Platinum

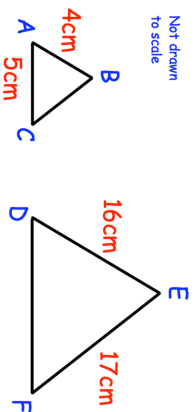
21st April

$$7,912 \times 38$$

$$\begin{array}{r}
 90 \overline{) 5580} \\
 \underline{540} \phantom{0} \\
 180 \phantom{0} \\
 \underline{1710} \phantom{0} \\
 90 \phantom{0} \\
 \underline{90} \phantom{0} \\
 0
 \end{array}$$

Here are two similar triangles.

Work out the length of DF

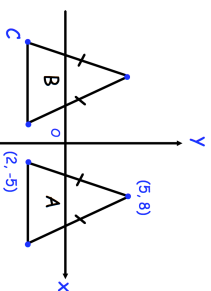


Find the HCF (highest common factor) of 28 and 42

Triangle B is a reflection of triangle A in the y-axis.

Both triangles are isosceles triangles.

What are coordinates of point C?



Name: \_\_\_\_\_

Primary 5-a-day

Platinum

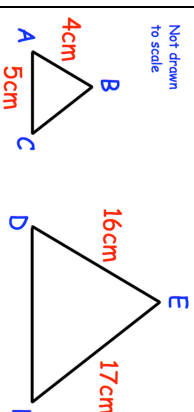
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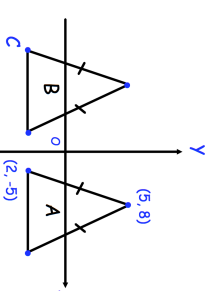


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22nd April

$$16.42 \times 9$$

$$1\frac{1}{2} \times 13$$

A shop charges 12p to photocopy one page in full colour.

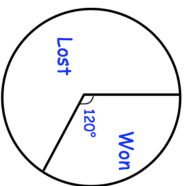
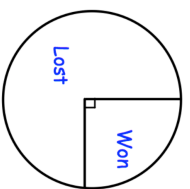
Sam has photocopied some pages in colour and the total cost is £16.08

How many pages did he photocopy?

A shop charges 12p to photocopy one page in full colour.

Sam has photocopied some pages in colour and the total cost is £16.08

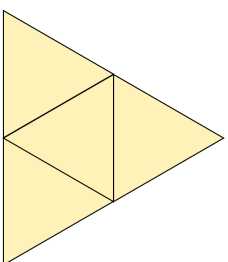
How many pages did he photocopy?



The Under 13's played 28 matches.  
The Under 15's played 18 matches.

Which team won more matches?

What 3D shape is this the net for?



22nd April

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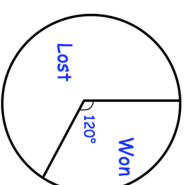
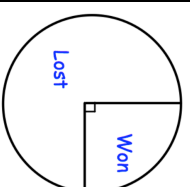
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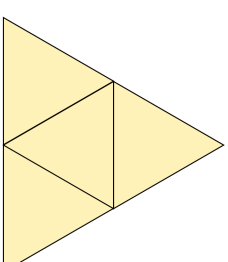
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Name: \_\_\_\_\_

Primary 5-a-day

Platinum



23rd April

$65\% \times 2,000$

Grid for calculation

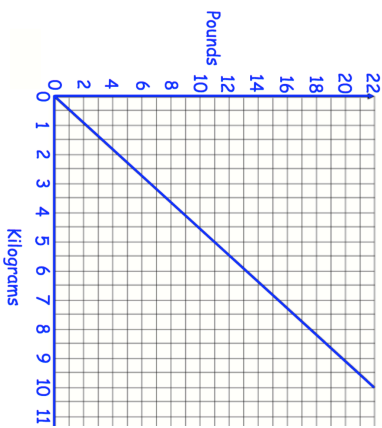
Answer box

$2,183 \div 59$

Grid for calculation

Answer box

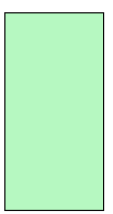
This graph helps convert between kilograms and pounds



Using the graph, convert 5 kilograms to pounds

Convert 150 kilograms to pounds

This rectangle is twice as long as it is wide. The perimeter of the rectangle is 42cm  
Find the area of the rectangle.



Name: \_\_\_\_\_

Primary 5-a-day

Platinum



23rd April

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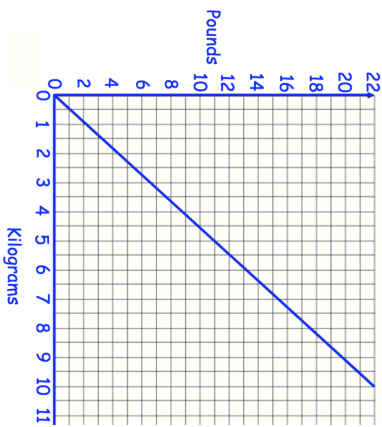
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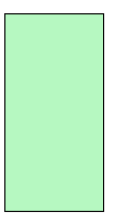
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Name: \_\_\_\_\_

Primary 5-a-day

Platinum

24th April



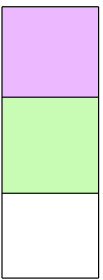
$$374 \div 22$$

$$0.8 \times 300$$

Barry is paid £18,000 each year.  
Next year he will be paid 15% more.  
How much will Barry be paid next year?

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In this rectangle,  $\frac{1}{3}$  is shaded purple  
 $\frac{2}{5}$  is shaded green.



What fraction of the rectangle is not shaded?

a	b
1	19
2	23
3	27
4	31

Here is a pattern of number pairs  
Complete the **rule** for the number pattern

$$b = \square \times a + \square$$

Name: \_\_\_\_\_

Primary 5-a-day

Platinum

24th April



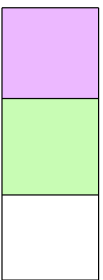
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Name: \_\_\_\_\_

Primary 5-a-day

Platinum

25th April

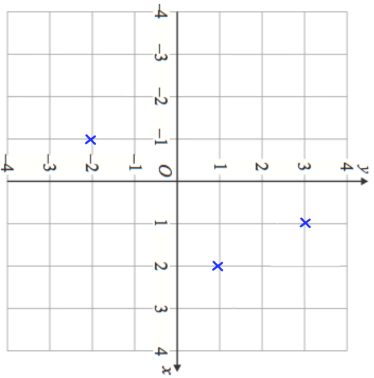


$$\frac{7}{8} - \frac{1}{3}$$

13% of 800

The coordinates plotted on the grid are three vertices of a parallelogram

Write down the coordinates of the fourth vertex of the parallelogram.



How many lines of symmetry does the parallelogram have?

The ratio of boys to girls in a school is 3:5.

There are 44 more girls than boys at the school.

How many children go to the school?

Name: \_\_\_\_\_

Primary 5-a-day

Platinum

25th April

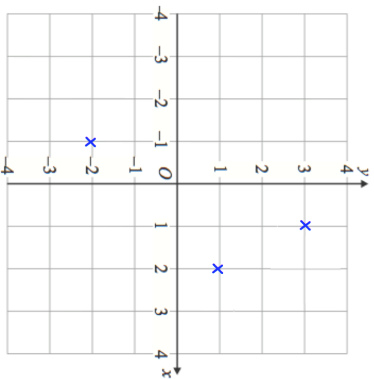


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Name: \_\_\_\_\_

Primary 5-a-day

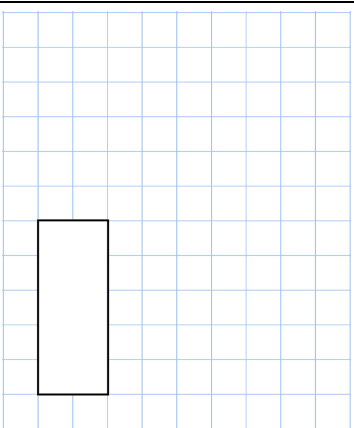
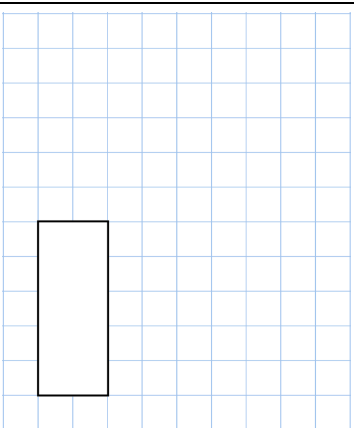
Platinum



26th April

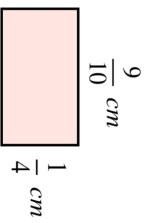
$$2\frac{1}{4} - \frac{2}{3}$$

$$\frac{5}{9} \div 3$$



Draw a 195° angle

Work out the area of this rectangle



Bertie is ten years younger than George  
Kate is double George's age.

The sum of their ages is 54.

How old is George?

Name: \_\_\_\_\_

Primary 5-a-day

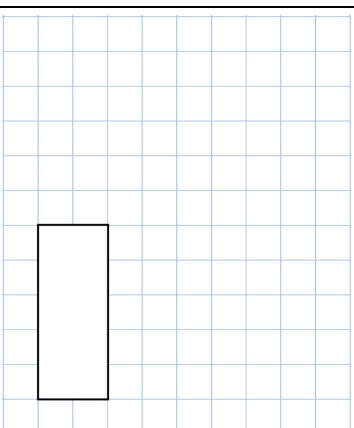
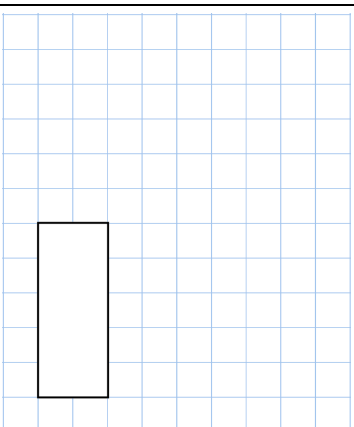
Platinum



26th April

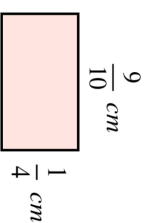
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Primary 5-a-day

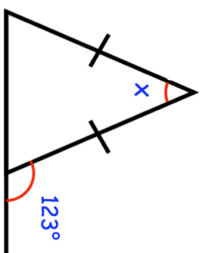
Platinum

27th April

$$0.28 \times 57$$

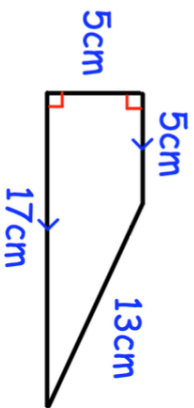
$$85\% \text{ of } 250$$

Work out the size of angle x



Find three different prime numbers that have a sum of 25

Work out the area of this trapezium



Name: \_\_\_\_\_

Primary 5-a-day

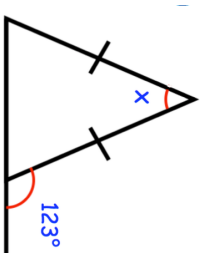
Platinum

27th April

$$0.28 \times 57$$

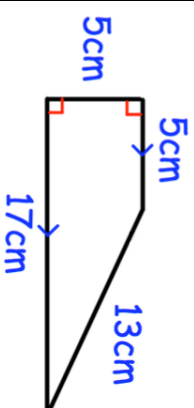
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Work out the size of angle x



Find three different prime numbers that have a sum of 25

Work out the area of this trapezium



28th April

$$\frac{8}{9} \div 2$$

$$\frac{1}{2} + \frac{1}{5} + \frac{1}{3}$$

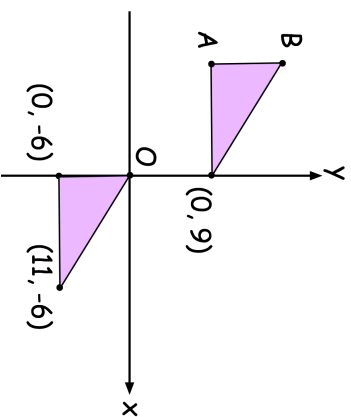
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$$y = 9$$

Work out the value of  $8y - 15$ 

Here are two identical triangles



What are the coordinates of point A?

What are the coordinates of point B?

28th April

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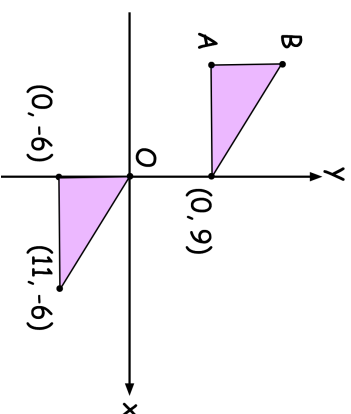
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Here are two identical triangles



What are the coordinates of point A?

What are the coordinates of point B?



Name: \_\_\_\_\_

Primary 5-a-day

Platinum



30th April

$$\frac{2}{3} \times \frac{1}{5}$$

<input type="text"/>
----------------------

$$\frac{1}{3} = \boxed{\phantom{00}} \%$$

<input type="text"/>
----------------------

Here are the ingredients for fish pie.

- 500g cod
- 400g haddock
- 600ml milk
- 120g butter
- 40g flour
- 1kg potatoes

Summer only has 300g of haddock to make the fish pie.

How much butter should she use?

How much potatoes should she use?

The mean of five numbers is 9.2

Four of the numbers are 8, 10, 12 and 10.

Work out the fifth number.

Name: \_\_\_\_\_

Primary 5-a-day

Platinum



30th April

$$\frac{2}{3} \times \frac{1}{5}$$

<input type="text"/>
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