



1st August

$$10^{\square} = 100$$

$$\frac{7}{8} + \frac{1}{24}$$

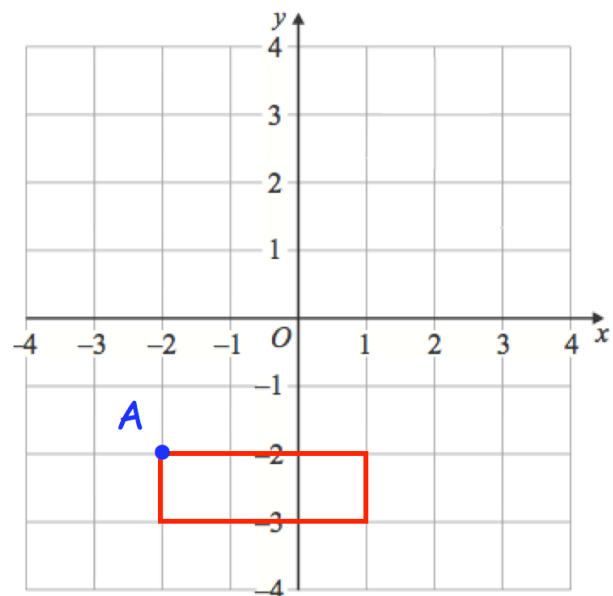
Write the missing values

$$\frac{4}{5} = \frac{12}{\square} = \frac{\square}{60}$$

Here is a rectangle on a grid.

The rectangle is translated so that the point A moves to (0, 0).

Draw the rectangle in its new position





4th August

$$25\% = \frac{\square}{\square}$$

$$-100 + 32$$

Circle two different numbers that multiply together to make 10 million.

10 100 1,000 10,000

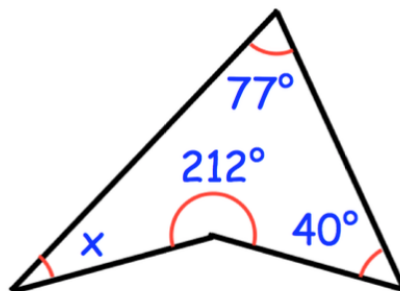
100,000

An adult ticket for a museum is £12.00
 A child ticket is 25% cheaper than an adult ticket.

How much is a child ticket?



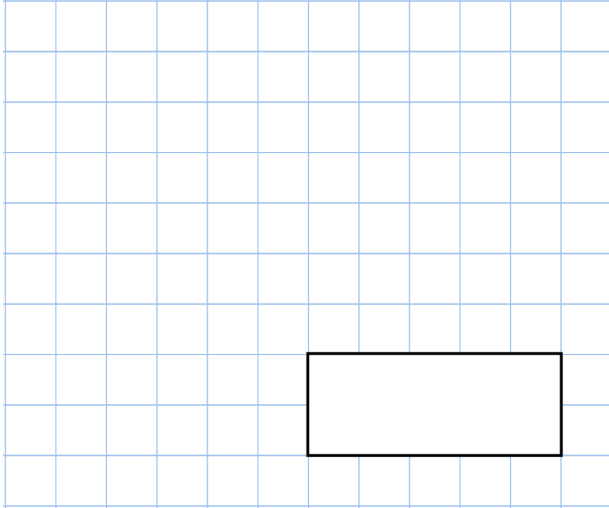
Find the size of angle x



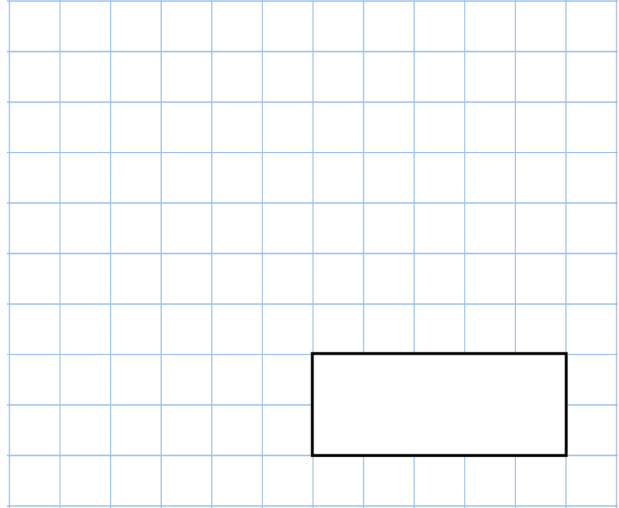


6th August

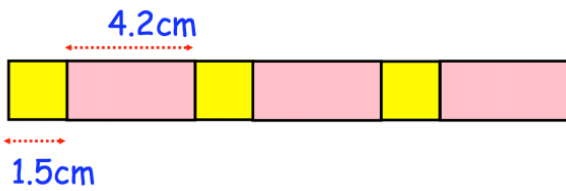
$$14^2$$



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



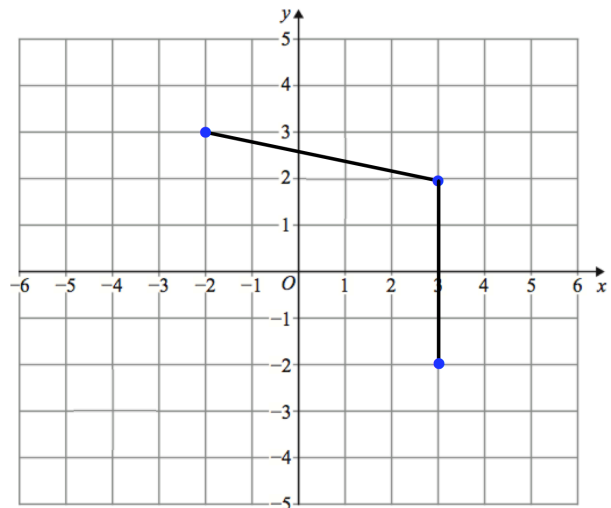
Shown is a shape made from three identical squares and three identical rectangles.



Calculate the perimeter

Two sides of a parallelogram have been drawn.

Complete the parallelogram



How many lines of symmetry does the parallelogram have?

Name: _____



10th August

$$-460 + 190$$

$$\frac{3}{8} + \frac{1}{24}$$

These patterns are made of sticks



Pattern 1



Pattern 2



Pattern 3

Draw Pattern 4

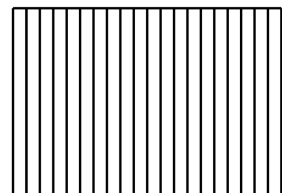
Find the number of sticks in Pattern 6

20 identical books are placed in a row on a shelf

9 books are taken away from the row

How long is the row now?

180cm





13th August

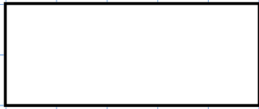
$$\frac{4}{\begin{array}{|c|} \hline \cdot \\ \hline \end{array}} = \frac{44}{121}$$

Grid for working out the division problem.



$$100 \times 0.054$$

Grid for working out the multiplication problem.



Georgina buys **four** sandwiches.
She pays with a **£20 note**
This is her change



How much is **one** sandwich?

A farmer has a field that is
200 metres long and 60 metres wide.

Work out the area of the field



Sophie has £2.22
Robert has 90p

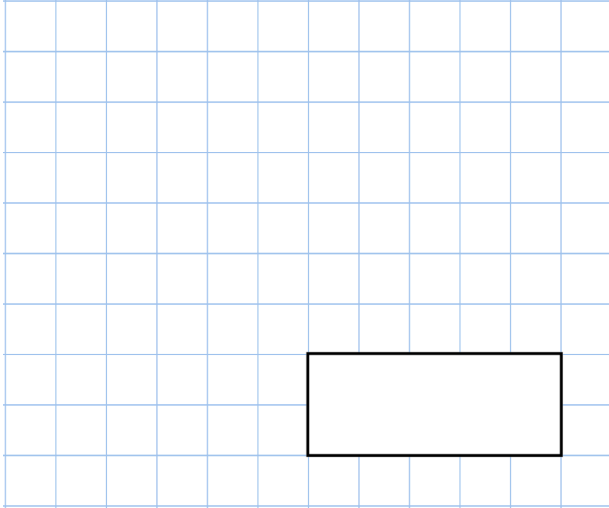
How much money should Sophie give
Robert so that they have the same amount
of money?



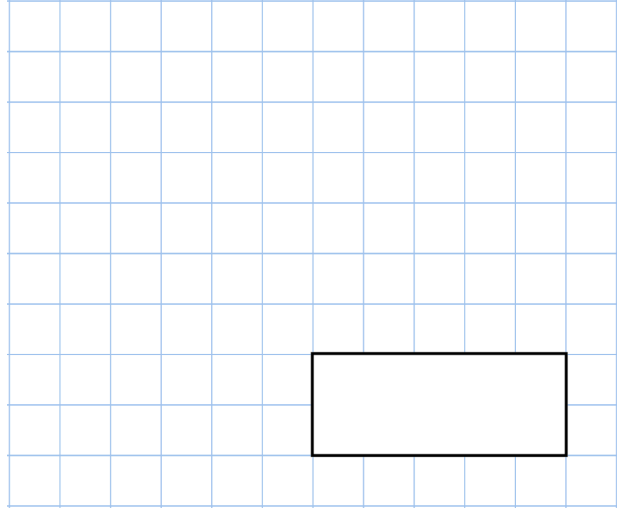


15th August

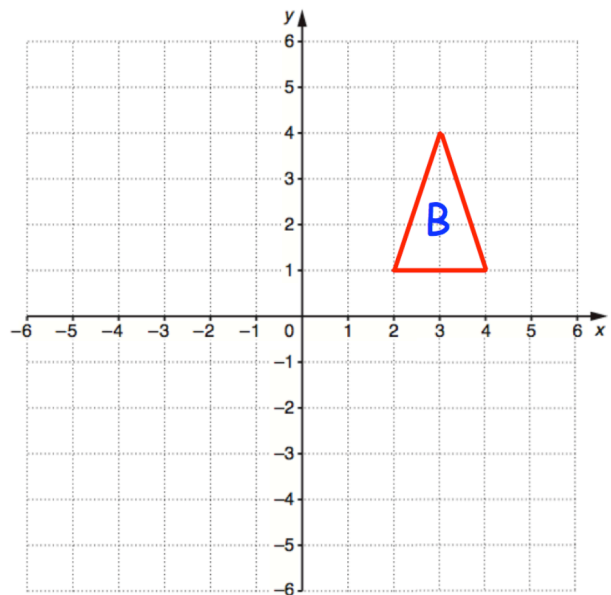
$$4.7 + 3.82 + 0.8$$



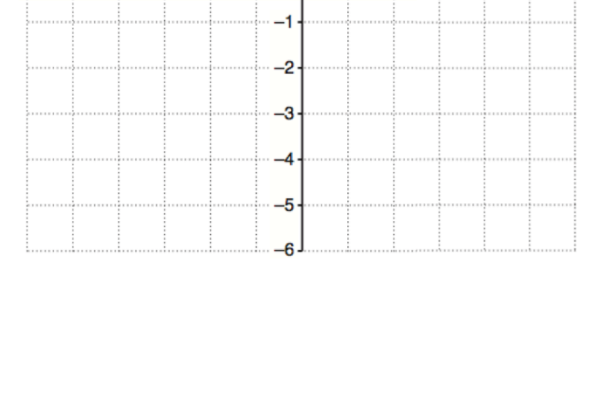
$$2,772 \times 6$$



Reflect triangle B in the x-axis



Plot the coordinate $(-1, 0)$



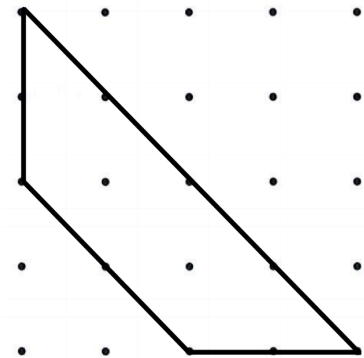
A theatre has 36 rows.
There are 21 seats in each row.

During a show at the theatre, there are 90 empty seats

Work out how many people are watching the show

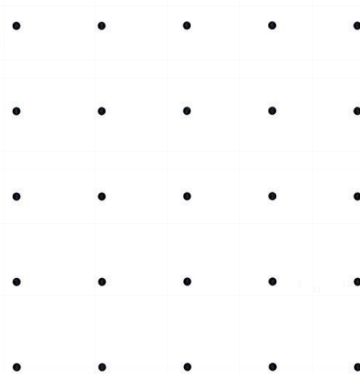
**16th August**Simplify $\frac{24}{30}$ $132 \div 12$

Paul draws this shape on a grid



He turns his grid one quarter turn anticlockwise

Draw the shape in its new position after the turn

Clara runs 1.3 kilometres every day.
Work out how far Clara runs in one week

Give your answer in metres



17th August

10% of 3,200

1,140 ÷ 20

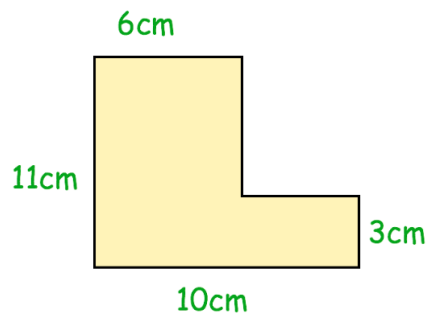
5 children take part in a race.
Their times are:

- Jonah 19.23 seconds
- Noah 19.4 seconds
- Jeremy 19.09 seconds
- David 19.155 seconds
- Alan 19.38 seconds

The top three children win gold, silver and bronze medals.

Who won the silver medal?

Find the area of this shape



How many seconds are there in an hour?

How many hours are there in March?

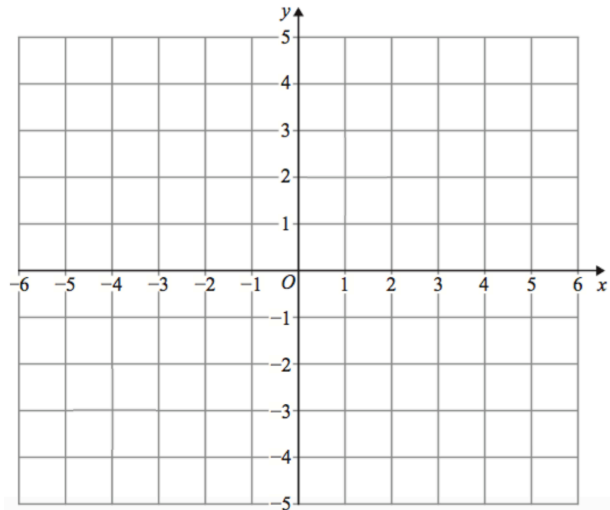


18th August

$$0.9 = \frac{\square}{\square}$$

$$\begin{array}{r} 89206 \\ - 67317 \\ \hline \end{array}$$

Plot the coordinates $(-4, -4)$, $(-4, 1)$ and $(2, 1)$



Find the area of the triangle

Bonbons cost 60p per 100g
Strawberry laces cost 90p per 100g

Sam buys 200g of Bonbons and
150g of strawberry laces

How much does he pay altogether?



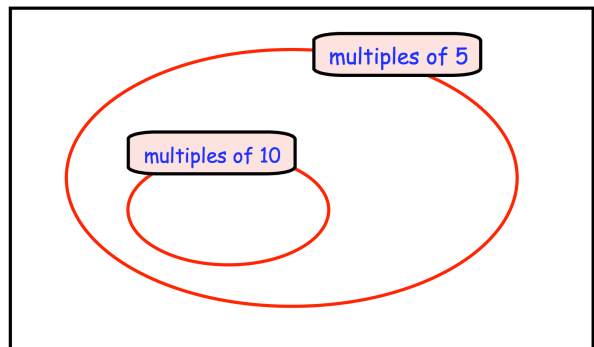
19th August

$$60 \div 1,000$$

$$\frac{7}{20} + \frac{2}{5}$$

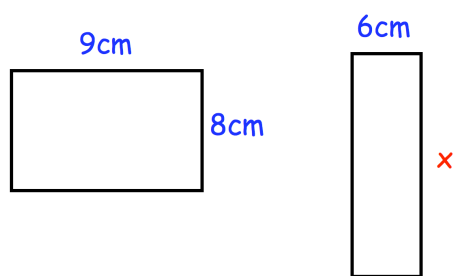
Place these numbers in the correct position on the Venn diagram

45 48 50 55



These two rectangles have the same area.

Find the length of the second rectangle.



Olivia chooses a whole number

She multiplies it by 3 and then adds 2

She then divides this result by 4.

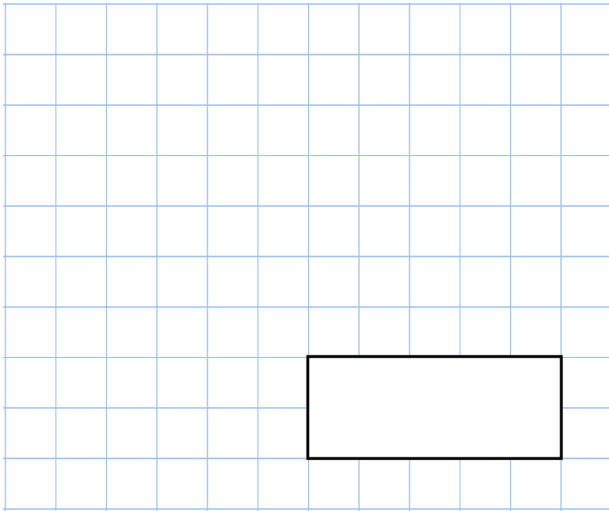
Her answer is 3.5

What was the number she started with?

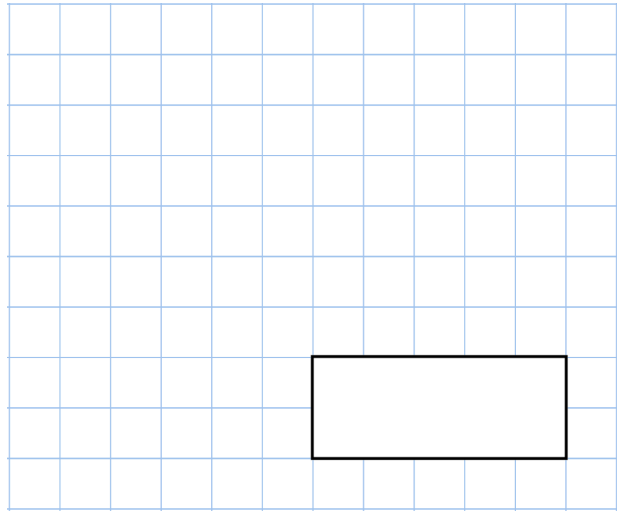


20th August

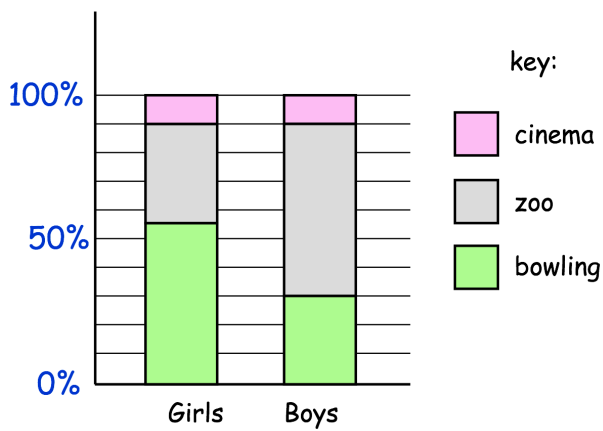
$$0.5 \div 100$$



$$15 \times 26 \times 7$$



A teacher asks some girls and boys what they wanted to do on a school trip



What percentage of girls wanted to go to the zoo?

7 boys wanted to go to the cinema.

Estimate how many boys wanted to go bowling.

Four friends are in a race.

Alice is 4 metres ahead of Barry

Clara is 9 metres behind Dylan

Barry is 5 metres behind Dylan

Write the names of the runners in order, starting with the friend who is furthest ahead

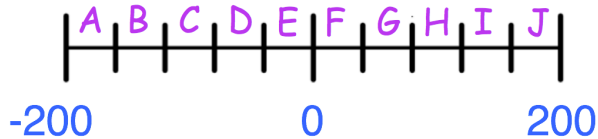


21st August

$$2 \frac{15}{16} = \frac{\square}{16}$$

$$100,520 - 38,631$$

Here is part of a number line.
It is divided into equal sections.



Write the letter of the section where each of these numbers belongs.

number	section
65	G
154	
-121	

Work out $\frac{3}{4}$ of £9

Kate makes a sequence of numbers.

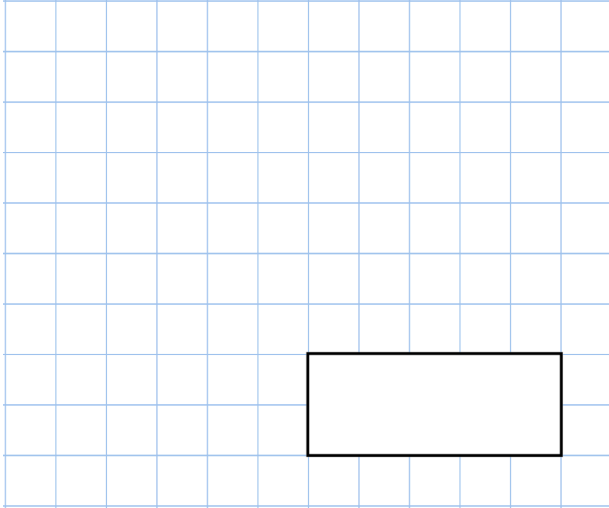
Her rule is to add the same amount each time

Write in the missing numbers

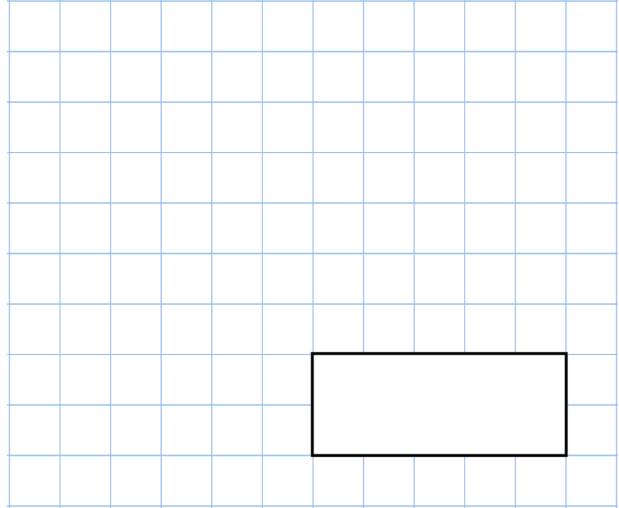


23rd August

$$17 \times 9 \times 12$$



$$\frac{11}{18} + \frac{1}{6}$$



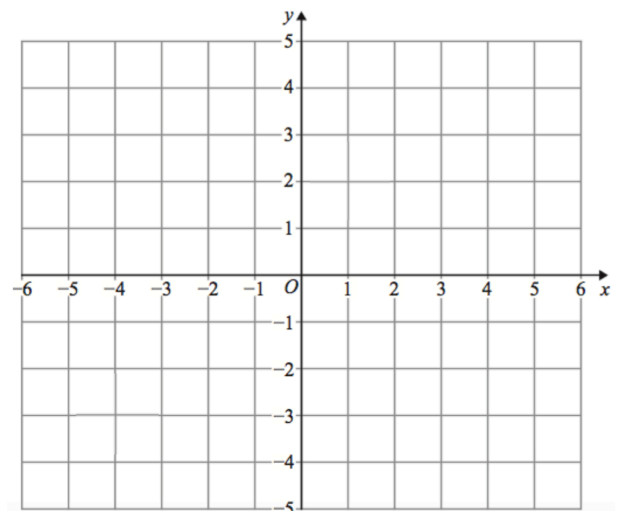
Aidan earns £18 an hour.
 He works 23 hours in one week.
 He gives $\frac{1}{10}$ of his total pay to his mum.

How much money does he give to his mum?

Emily is drawing a rhombus on the grid.
 She plots three points.

$(-4, 1)$ $(-2, -1)$ $(2, 1)$

Plot these points



Emily has one more point to plot.
 Write down the coordinates of the fourth vertex of the rhombus



27th August

$$0.45 = \boxed{} \%$$

$$\boxed{}^3 = 125$$

Grid area for the first problem.

$$\boxed{} \%$$

Grid area for the second problem.

$$\boxed{}$$

Write down three factors of 30 that are **not** factors of 40.

Timothy saves £26 a week

Calculate how much money Timothy will save in one year

Write the two missing digits to make this **long multiplication** correct

$$\begin{array}{r}
 7 \square \\
 \times \square 9 \\
 \hline
 684 \\
 2280 \\
 \hline
 2964
 \end{array}$$

