



1st April

$$\square^2 = 49$$



$$1,944 \div 9$$



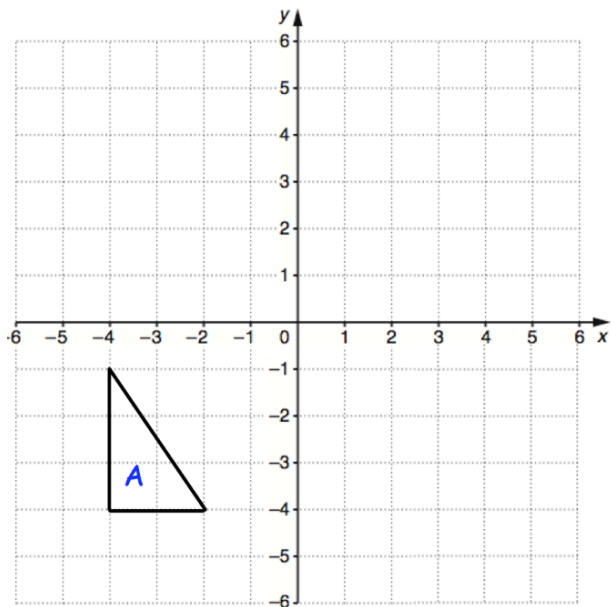
The lengths of time that it takes to complete a jigsaw are below.

0.5 hours 1.25 hours 100 minutes

0.75 hours 40 minutes

Arrange the times in order, starting with the shortest.

Reflect triangle A in the x-axis



Plot the point (5, -1)



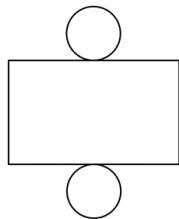
2nd April

Simplify $\frac{12}{16}$

720×9

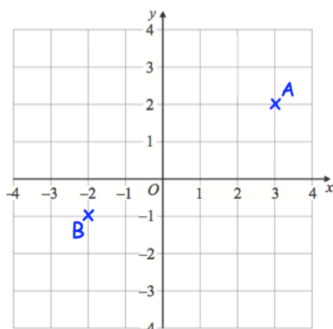
James earns £12 per hour.
He works 19 hours in one week.
He gives 10% of his earning to his sister.

How much does he give to his sister?



This is the net for a 3D shape.

Sketch the 3D shape.



Write down the coordinates of A.

Write down the coordinates of B



7th April

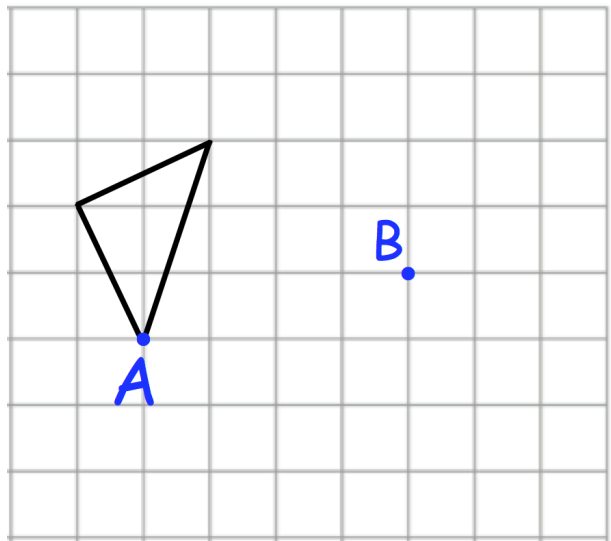
25% of 312

3^3

Here is a triangle on a square grid.

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

Draw the triangle in the new position.



Draw a rhombus on the grid

Two of the fractions are **equivalent**

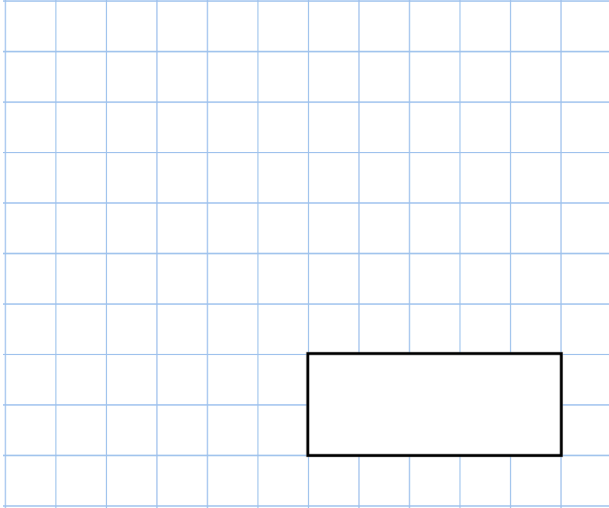
Circle them

$\frac{2}{3}$ $\frac{12}{15}$ $\frac{9}{12}$ $\frac{16}{20}$ $\frac{6}{10}$

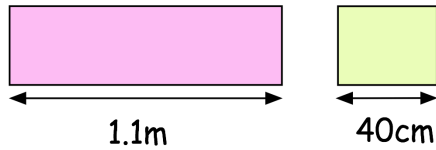
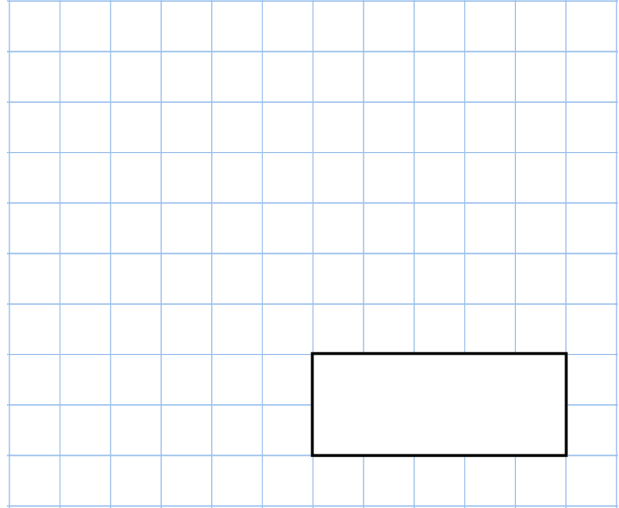


8th April

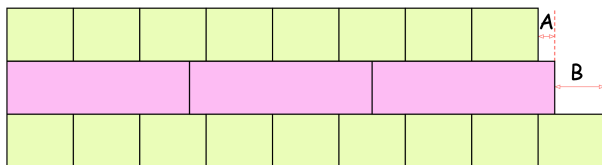
10% of 700



$$\frac{9}{10} - \frac{2}{5}$$



Toby makes a pattern with the rectangles above



Calculate the length of A

Calculate the length of B

Chloe has completed her homework.

What has Chloe done wrong?

(a) $\frac{3}{4} = \frac{4}{16}$

(b) $\frac{3}{5} = \frac{6}{15}$



11th April

$$\frac{1}{4} + \frac{5}{12} + \frac{1}{4}$$

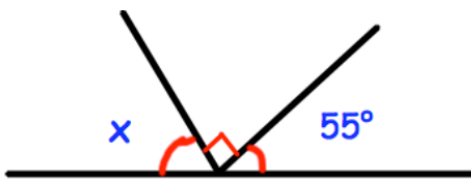
$$500 - 530$$

Noah chooses a **prime number**

He rounds it to the nearest ten.

His answer is 20.

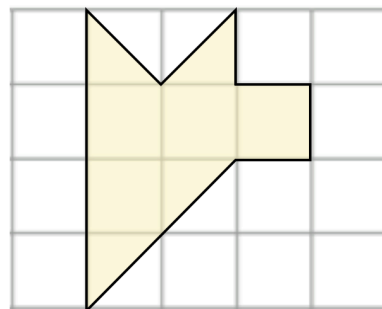
Write down all the possible prime numbers Noah could have chosen.



Find the size of angle x

Here is a grid of 20 squares.

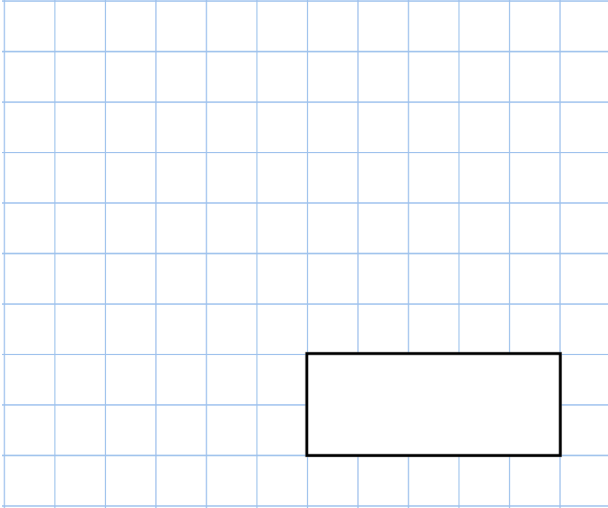
What percentage of the grid is shaded?



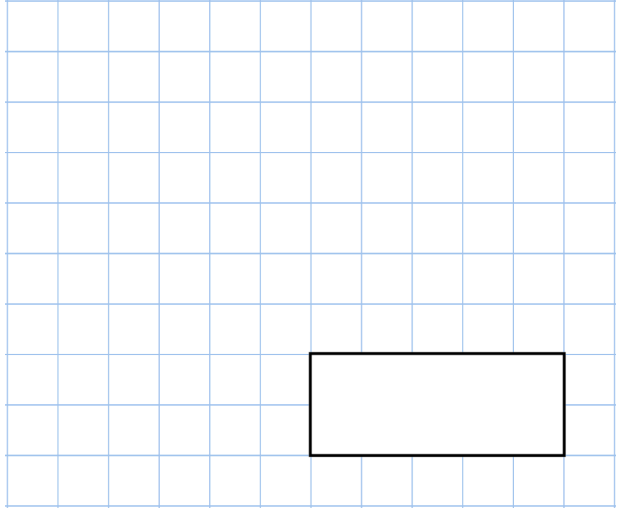


12th April

$$47 \times 24$$

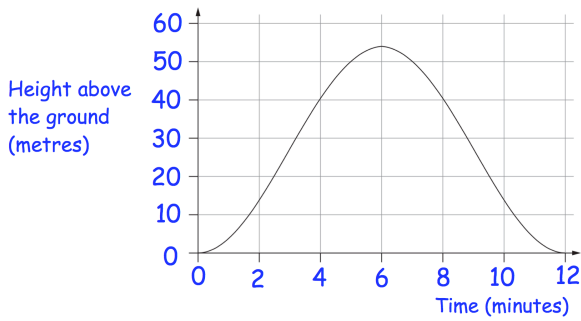


$$\frac{16}{5} = 3 \frac{\square\square}{5}$$



Jessica goes on a big wheel at a funfair.

The graph shows her height above the ground as the wheel turns



How long did it take for the big wheel to make one complete turn?

How long was Jessica over 40m above the ground?

Jodie has a bag of 3 red and 5 green marbles.

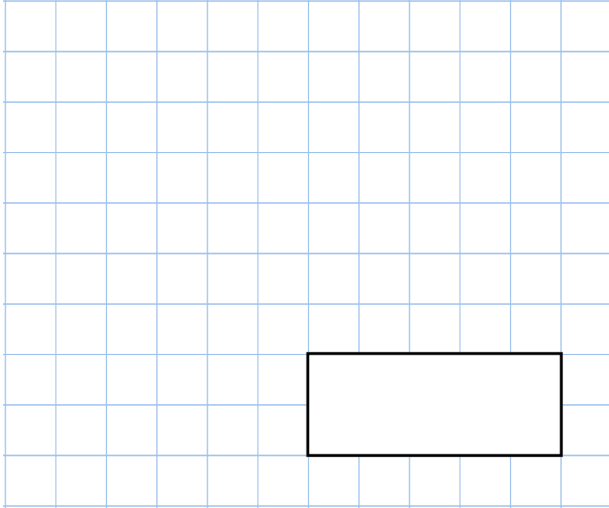
Jodie adds two red and two green marbles to the bag.

What fraction of the marbles in the bag are now green?

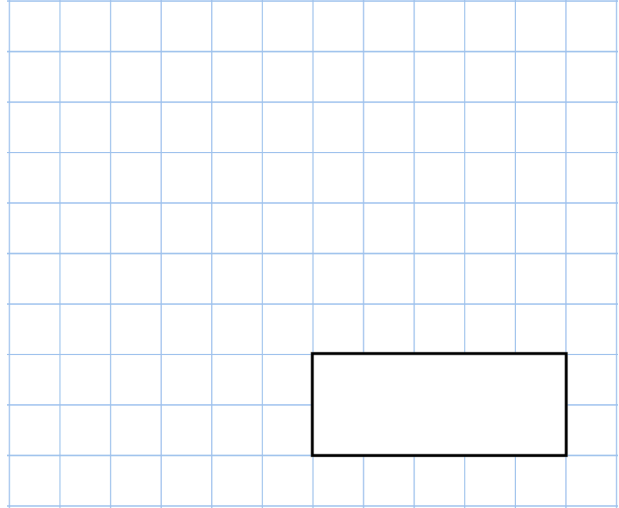


13th April

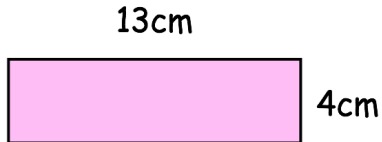
$$\square^2 = 16$$



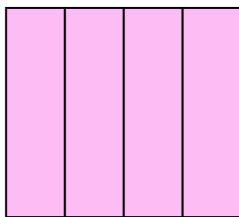
$$70,004 - 608$$



Lauren has some identical rectangles
They are 13cm long and 4cm wide.



She uses four rectangles to make the larger rectangle below



What is the perimeter of the large rectangle?

What is the area of the large rectangle?

Kate has £2.80
James has £4.50

James gives Kate some money so that they now have the same amount of money.

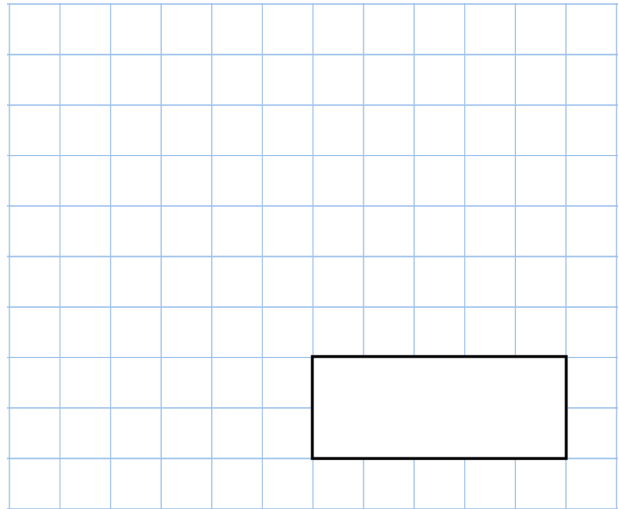
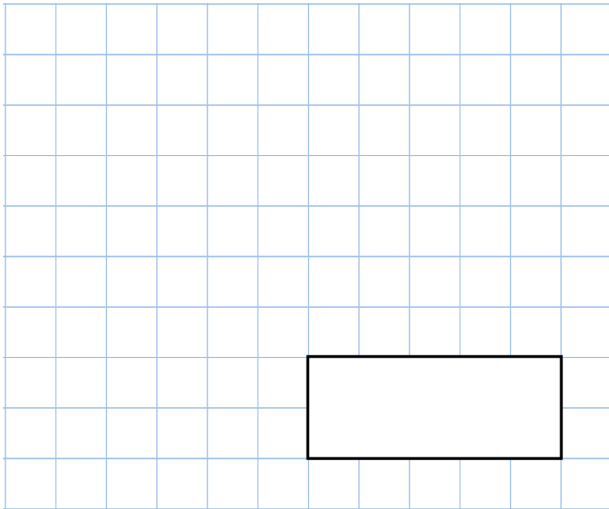
How much does James give Kate?



17th April

$$0.1 = \frac{\begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array}}{\begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array}}$$

$$77 \times 91$$

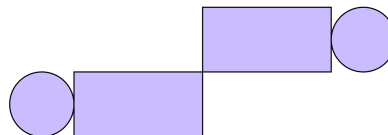
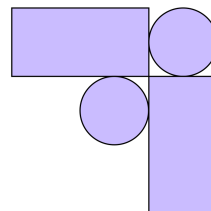
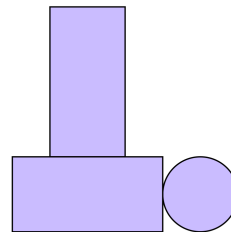


Seb has some rectangular and circular tiles



He makes these patterns with them

For each pattern, put a tick if it has a line of symmetry or a cross if it does not.



Daisy chooses a **cube number**

She rounds it to the nearest hundred.

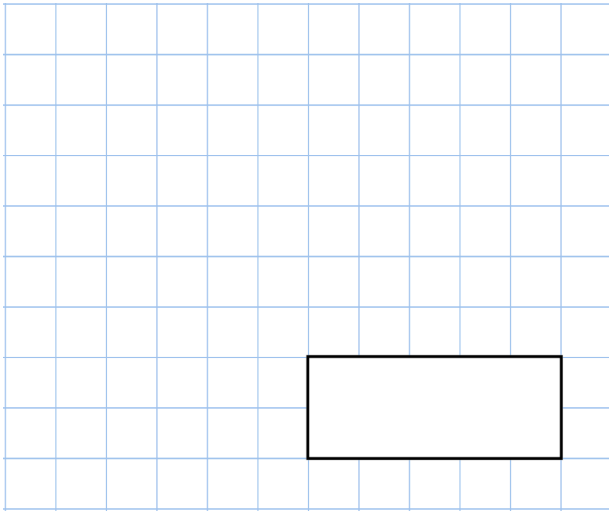
Her answer is 100.

Write down all the possible cube numbers Daisy could have chosen.

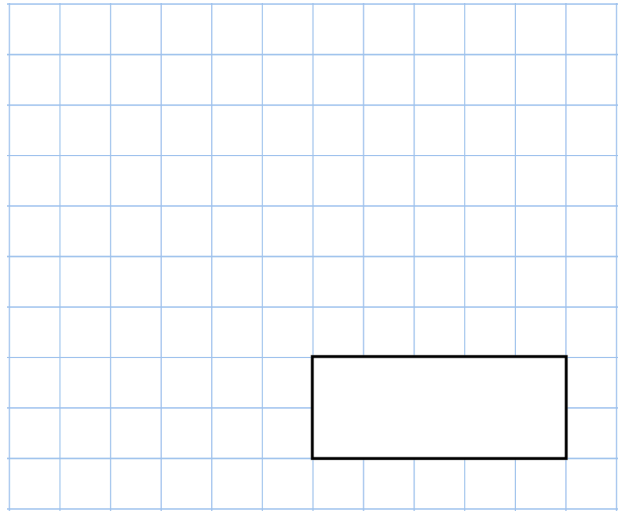


18th April

$$0.6 \div 10$$



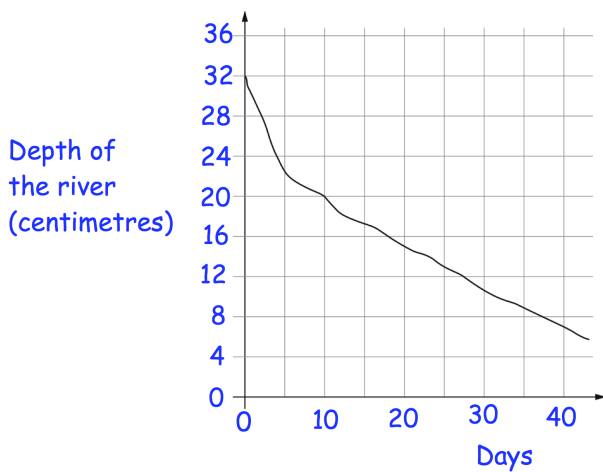
$$\frac{2}{5} + \frac{3}{10}$$



Write the number that is four less than one million in figures

Blank space for writing the answer.

This graph shows the depth of a river during the summer



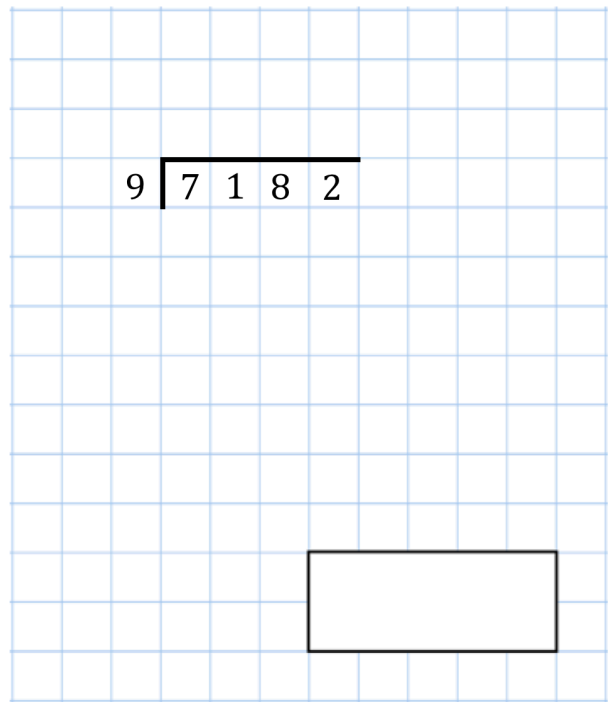
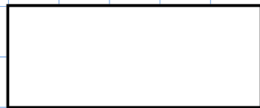
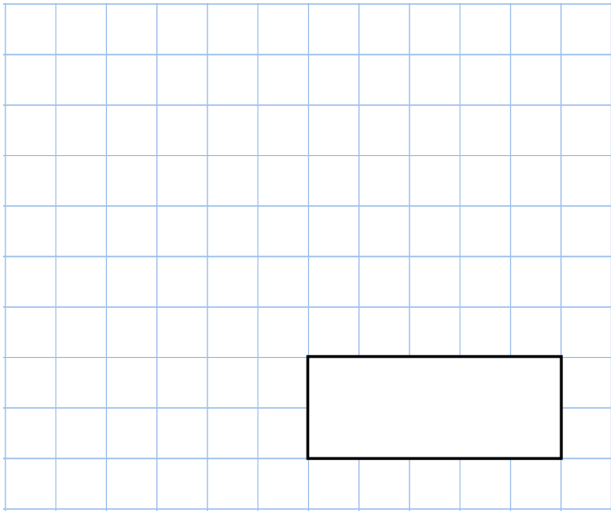
What is the depth of the river after 15 days?

How long does it take the river to go from a depth of 32cm to 15cm?



20th April

$-24 + 31$



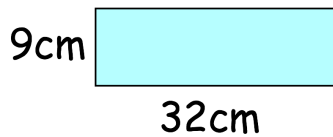
9 7 1 8 2



Write the number 700 in Roman numerals

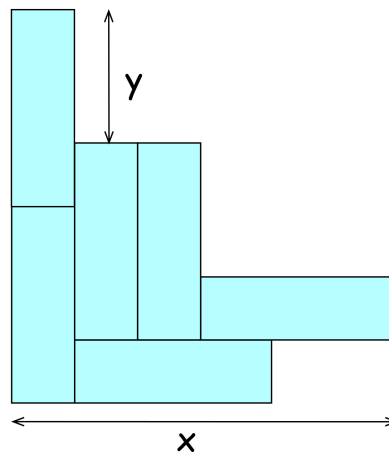


Phoebe has some rectangles.
They each measure 32cm by 9cm.



She makes this design with six of the rectangles.

Work out the lengths x and y



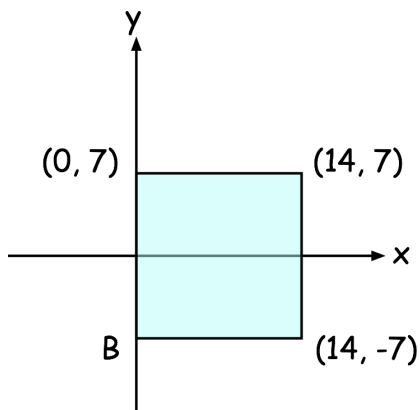


22nd April

$3,100 \div 1,000$

$$\begin{array}{r} 135 \\ \times 28 \\ \hline \end{array}$$

Here is a shaded square

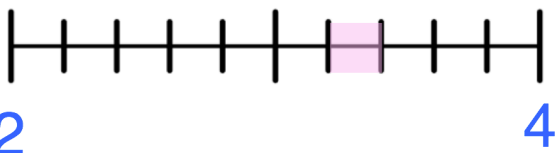


Write down the coordinates of the point B

Circle any of the points that are outside the square

(1, 8) (8, 1) (-1, 2)

(2, -1)



Circle all the numbers below that belong in the shaded part of the number line.

$3\frac{1}{2}$

$3\frac{3}{10}$

$3\frac{1}{4}$

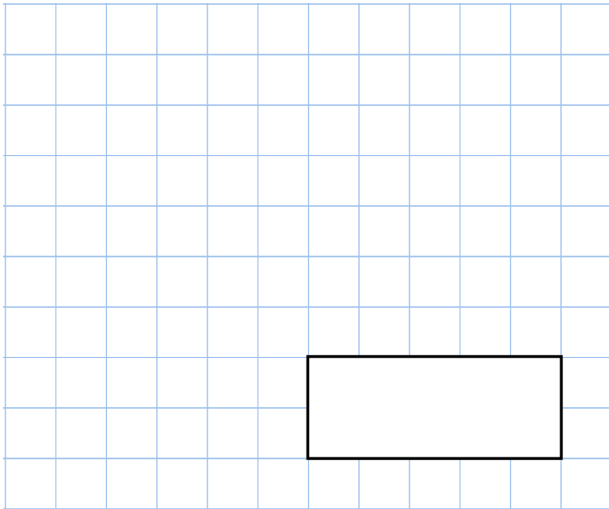
$3\frac{1}{3}$

$3\frac{3}{5}$

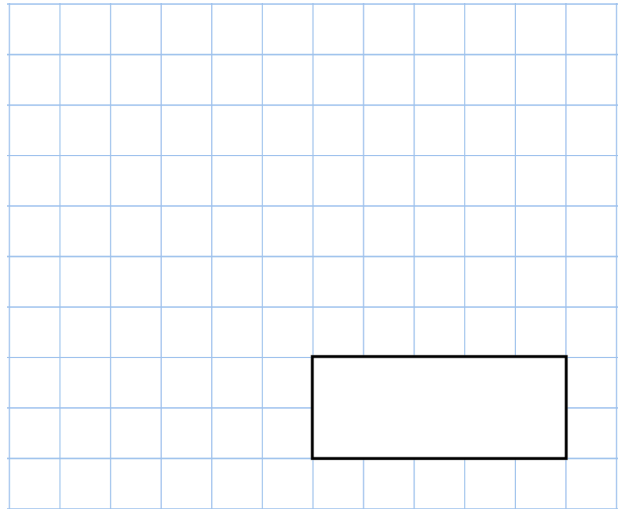


26th April

$$560 \times 1,000$$



$$9.1 - 4.27$$



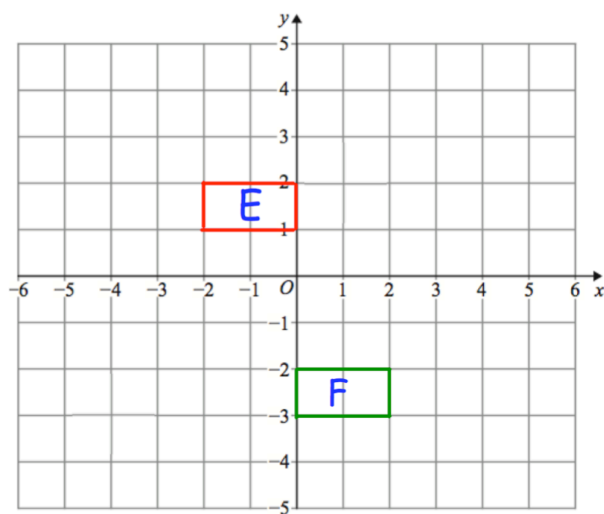
Put the four masses below in order, starting with the heaviest.

650 kilograms

0.7 tonnes

0.1 kilograms

99 grams



Shape E has been translated to shape F

Describe the translation

Plot the point $(0, -1)$

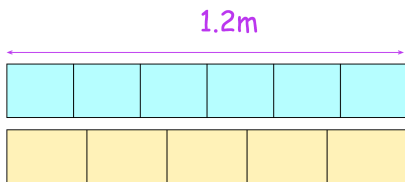


28th April

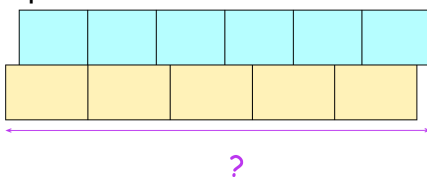
$$4\frac{1}{6} = \frac{\square}{6}$$

$$\begin{array}{r} 81 \\ \times 67 \\ \hline \end{array}$$

Sian has two strips of paper.
Each strip is 1.2 metres long.
One strip is divided into six equal parts
and the other is divided into five equal
parts.



Sian uses the two strips to make this
shape



What is the total length of Sian's shape?

The numbers in this sequence increase by
8 each time

1 9 17 25 33

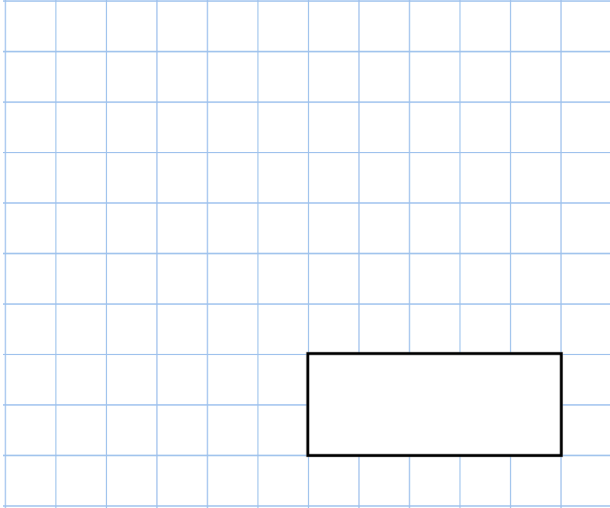
The sequence continues in the same way

Will 800 be in the sequence?

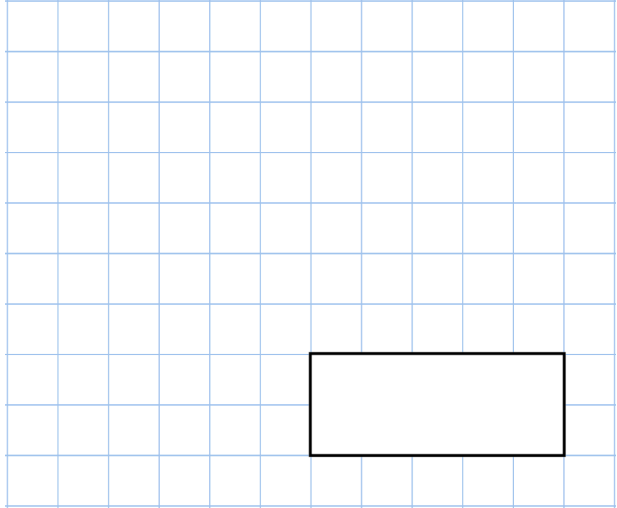


30th April

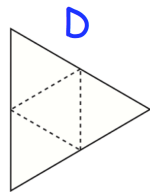
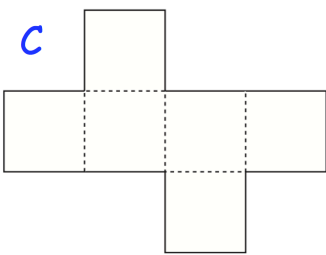
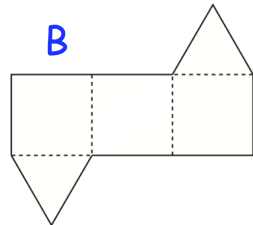
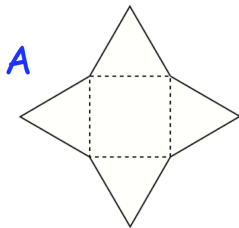
$$\frac{7}{20} \text{ of } 1,960$$



$$406 \times 17$$



Here are some nets



Which letter is the net of a cube?

Which letter is the net of a triangular prism?

Work out the mean amount of money raised

