

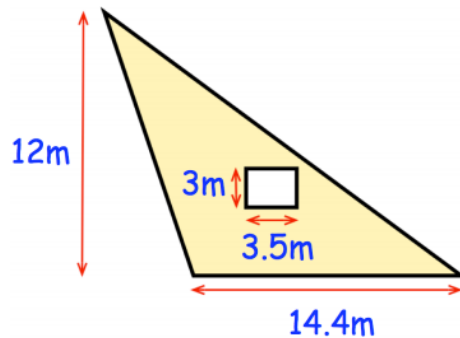


5th February

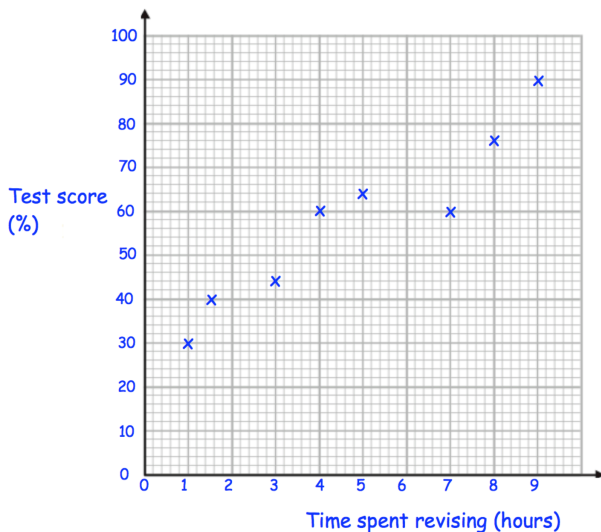
$$\frac{2}{5} \times \frac{1}{3}$$

$$100 - 15 \times 5$$

Work out the shaded area



This graph shows information about the time spent revising for a test and the test result for 8 students



What was the highest test score?

Daisy spent 3 hours revising.

What was her test score?



6th February

1	4	8	8	2
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		4	1	5	6		
×				2	3		

Find the value of w when $c = 17$

$$w = 200 - 5c$$

A website sells keyrings for £1.25 each.

When buying keyrings, you need to pay postage and packaging as well.
Here are the prices for postage and packaging

Postage and Packaging

1 to 10 keyrings	£2.50
11 to 20 keyrings	£5.50
21 to 30 keyrings	£7.50
31 to 100 keyrings	Free

Owen has £40 and buys as many keyrings as possible.

How many keyrings does Owen buy?





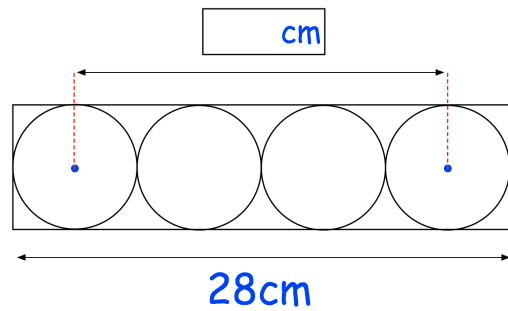
10th February

0.7×60

$80\% \times 1,800$

Four identical circles fit inside a rectangle.

Find the distance between the centres of the first and fourth circle.



A 2p coin has a mass of 7 grams.
Find the total mass of £80 worth of 2p coins.

Give your answer in kilograms

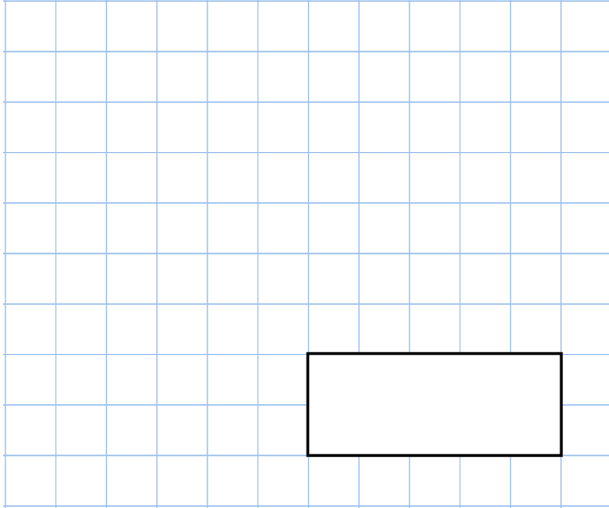
This sequence increases by an equal amount each time.

Find the three missing numbers

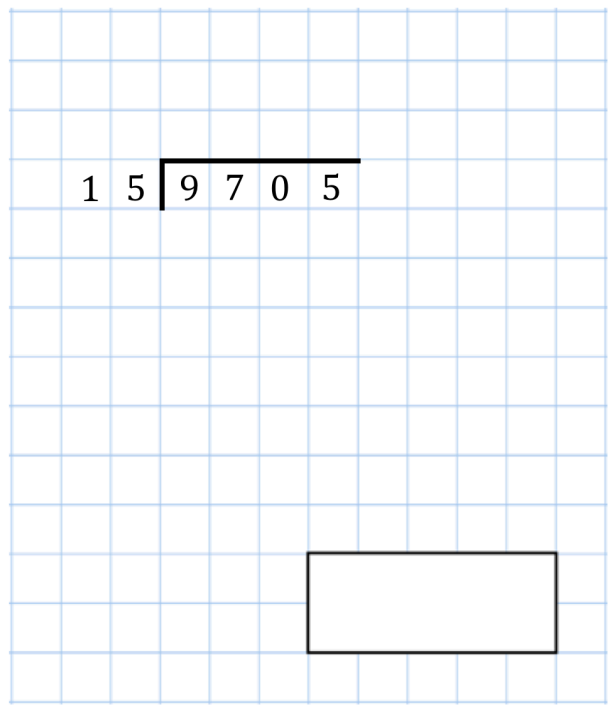


14th February

$$\frac{1}{8} \times \frac{1}{2}$$

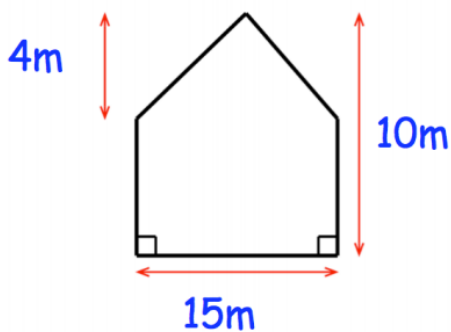


1 5 | 9 7 0 5

Find the value of m when $h = 32$

$$h = 35 - 6m$$

Jack is painting the side of his house.
He has 8 litres of paint.
Each litre covers $16m^2$
Does Jack have enough paint?



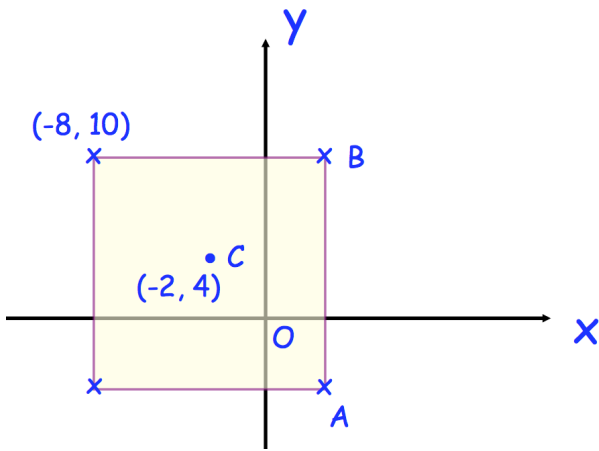


18th February

235×45

$8^2 + 6^3$

Shown is a square.
C is the centre of the square.



Find the coordinates of A

Find the coordinates of B

Megan feeds her cat $\frac{2}{5}$ of a can of cat food each day.

How many cans of cat food are eaten each fortnight?



**24th February**

$$7\frac{3}{5} = \frac{\square}{5}$$

2 6 | 9 3 6

Draw a circle with a radius of 3cm.

What size is the diameter of the circle?

There are red, white and yellow counters in a bag.

For every 3 red counters, there are 2 white counters.

There are 25% more yellow counters than red counters.

If there are 40 white counters in the bag, how many yellow counters are there?

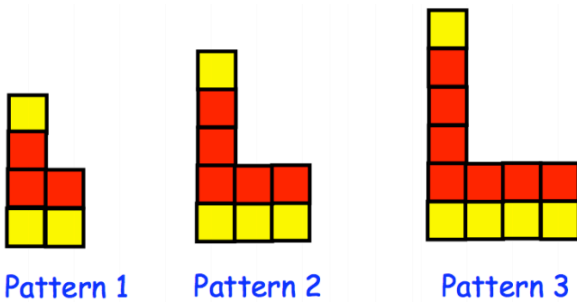


26th February

8^3

$4752 \div 11$

Here is a pattern of red and yellow squares

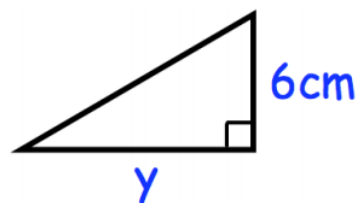


Which of the following are true?

- A Pattern 10 has 11 yellow squares
- B The number of red squares is always odd
- C Every pattern has more red squares than yellow squares
- D Pattern 5 has 11 red squares

The area of this triangle is 30cm^2

Find the length of the base of the triangle, y .



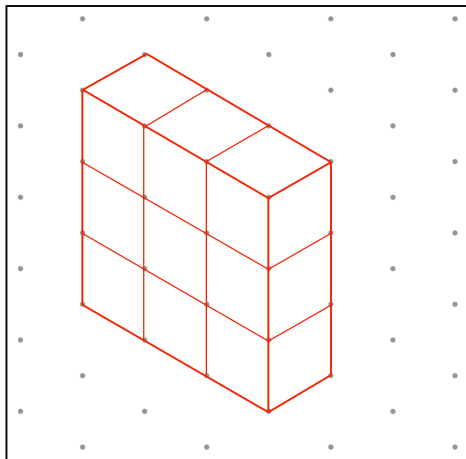


27th February

$$- 12 - 23$$

$$1,593,202 - 730,095$$

Ethan uses nine cubes to make a cuboid.



He then removes two cubes, leaving the other cubes where they are.

Draw what the new shape could be



$$12,432 \div 168 = 74$$

Explain how this fact can be used to answer 73×168



28th February

$$519 \times 72$$

$$8 \times \frac{2}{5}$$

Here is a pattern of number pairs

a	b
1	13
2	18
3	23
4	28

Complete the rule for the number pattern

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

Farmer Patrick keeps chickens in the field below

Each chicken needs $3m^2$

What is the maximum number of chickens that he can keep?

