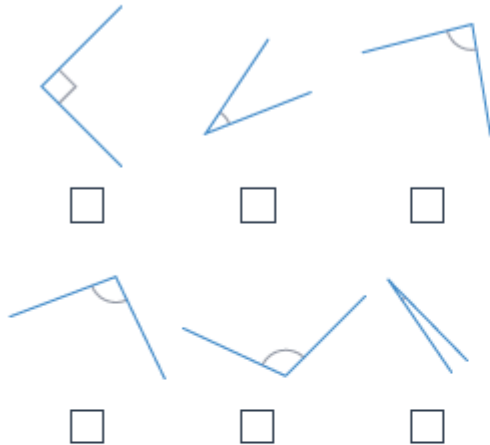


Thursday 4th June - rapid reasoning

Q1 Tick all the acute angles.



Q2 Fill in the missing boxes in this calculation.

$$\begin{array}{r} \begin{array}{|c|c|c|c|} \hline 5 & 6 & 8 & \square \\ \hline \end{array} \\ + \quad \begin{array}{|c|c|c|c|} \hline \square & \square & 3 & 4 \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|c|} \hline \square & 3 & \square & 2 \\ \hline \end{array} \end{array}$$

1 mark

2 marks

Q3 A toy shop orders 14 boxes of small bouncy balls.
Each box contains 24 bags of bouncy balls.
Each bag contains 5 small bouncy balls.

How many small bouncy balls does the toy shop order?

bouncy balls

2 marks

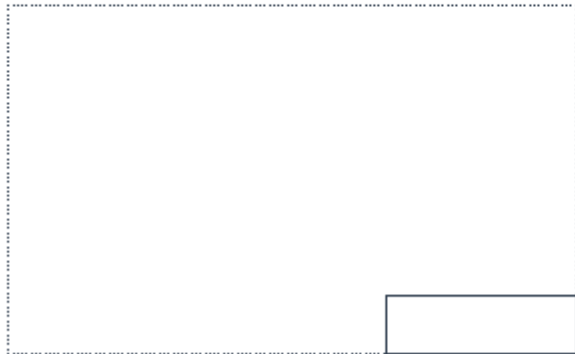
Q1

Tallulah has drawn a rectangle.

The length of the rectangle is double its height.

The height of the rectangle is 6cm.

What is the area of the Tallulah's rectangle?
Don't forget your units!



1 mark

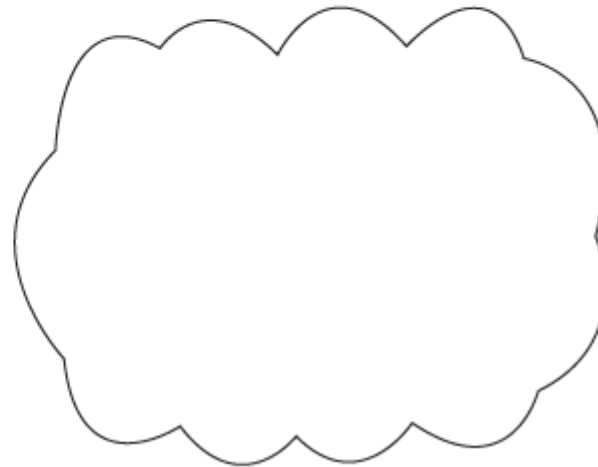
Q2

Here are two numbers:

9,996

10,006

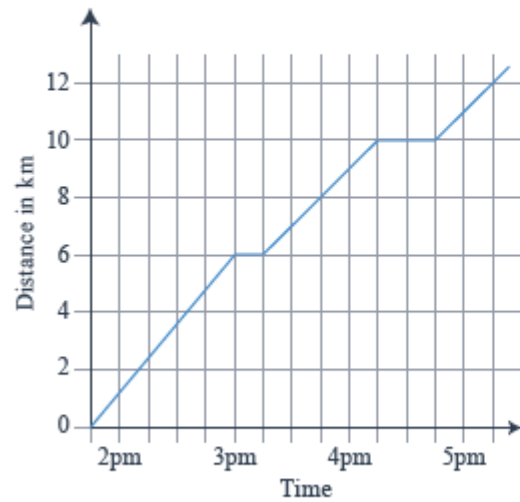
Circle the number closest to ten thousand,
then explain how you know.



1 mark

Q3

This line graph shows how far Evie cycled in one afternoon.



a

By what time had Evie cycled 8km?

pm

1 mark

b

How far did Evie cycle between her first and second breaks?

km

1 mark

Q1 Finlay is playing a big game of snakes and ladders.

On his board, there are 13 squares in each row and 15 squares in each column.

How many squares are there on the board altogether?

squares

1 mark

Q2 Ava thinks of two prime numbers.
She adds the two numbers together.
Her answer is 24.

Write all the possible pairs of prime numbers Ava could be thinking of.

• • • • •

2 marks

Q3 Put a tick in each row to complete this table.

One has been done for you.

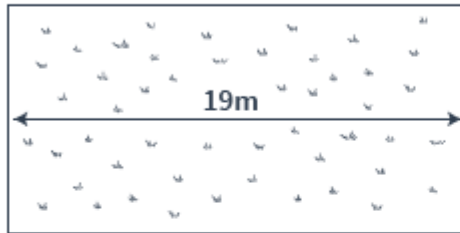
	Less than 0.75	Greater than 0.75
0.61	✓	
$\frac{4}{5}$		
$\frac{23}{28}$		
$\frac{1}{2}$		
0.078		

2 marks

Q1

The area of a farmer's field is 703m^2 .

The field is rectangular. The width of the field is 19m.



Not to scale

What is the height of the field?

m

2 marks

Q2

Look at this number:

74,903,182.3

a

Write down the digit that is in the tenths place.

1 mark

b

Write down the digit that is in the ten thousands place.

1 mark

Q3

Circle two numbers that multiply together to equal 1 million.

200 2,000 5,000 50,000

1 mark

