

Day 6 - Arithmetic

$$540 + 2 =$$


1 mark

$$81 \times 1000 =$$


1 mark

$$\begin{array}{r} 4 \\ - 2 \\ \hline 6 \end{array} + \begin{array}{r} 6 \\ 6 \end{array}$$

1 mark

A 10x10 grid with a 4x2 rectangle highlighted in the bottom right corner. The highlighted rectangle is located in the bottom right corner of the grid, spanning 4 rows and 2 columns.

5

A 20x10 grid of squares. A 5x3 rectangle is highlighted in the bottom right corner, spanning from the 15th column to the 20th column and from the 8th row to the 10th row. The rectangle is defined by a thick black border.

6

A 20x10 grid of squares. A 5x3 rectangle is highlighted in the bottom right corner, spanning from the 15th column to the 20th column and from the 8th row to the 10th row. The highlighted area is a solid black rectangle.

1 mark

Day 6 - Reasoning



- 1 This table shows the temperature at 9 am on three days in January.

1st January	8th January	15th January
+5°C	-4 °C	+1°C

What is the difference between the temperature on 1st January and the temperature on 8th January?

°C

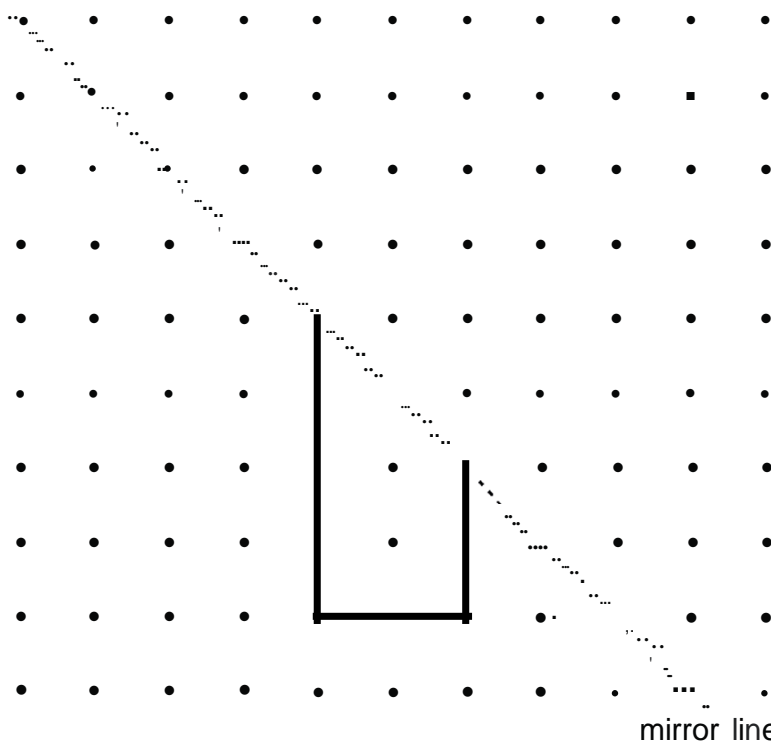
On 22nd Januar the temperature was 7 degrees lower than on 15th January.

What was the temperature on 22nd January?

°C

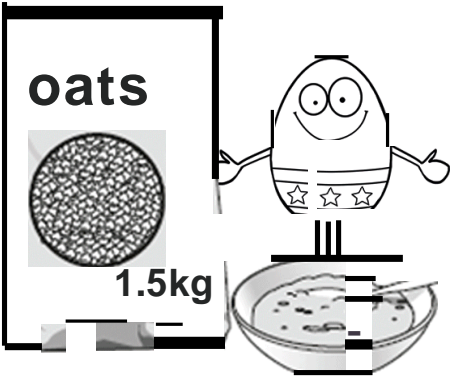
- 2 Use a ruler to draw the **reflection** of this shape in the mirror line.

You may use a mirror or tracing paper.



mirror line

3 A packet contains 1.5 kg of oats.



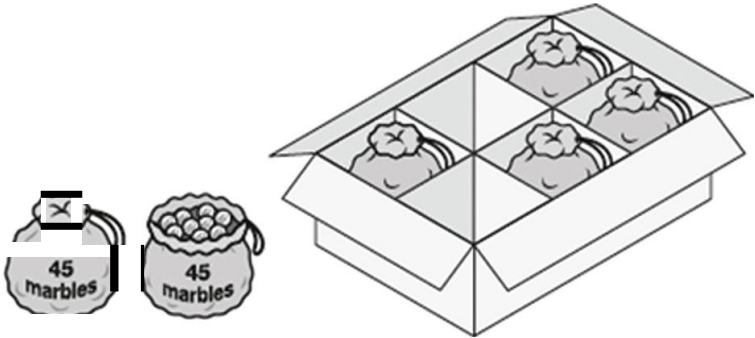
Every day Maria uses 50 g of oats to make porridge.

How many days does the packet of oats last?

Show your method

days

4 A toy shop orders 11 boxes of marbles.
Each box contains 6 bags of marbles.
Each bag contains 45 marbles.



How many **marbles** does the shop order in total?

Day 7 - Arithmetic

1

$$3^2 + 13 =$$

[illegible]

1 mark

2

$$50,000 - 800 =$$

A 20x10 grid with a 10x5 rectangle highlighted in the bottom right corner.

1 mark



			7	6	0	9
x					4	4

**Show
your
meth
od**

A 20x20 grid with a 4x4 subgrid highlighted in the top-left. The subgrid contains the numbers 7, 6, 0, 9 in the first row and 4, 4 in the second row. A horizontal line is drawn below the second row of the subgrid. The rest of the grid is empty.

2 marks

4

[illegible]

1 mark

5

[illegible]

1 mark

€

Σ

1

**Show
your
meth
od**



2 marks

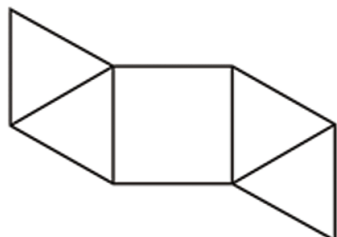
Day 7 - Reasoning

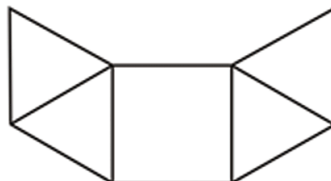


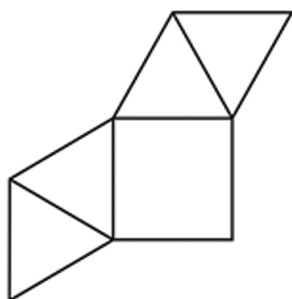
- 1 Look at each of these diagrams.

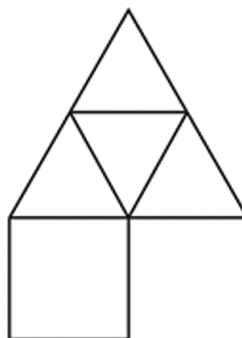
Put a tick () if it is the **net of a square based pyramid**.

Put a cross (X) if it is **not**.









- 2 Julie says,

***'I added three odd numbers
and my answer was 50'***

Explain why Julie cannot be correct.

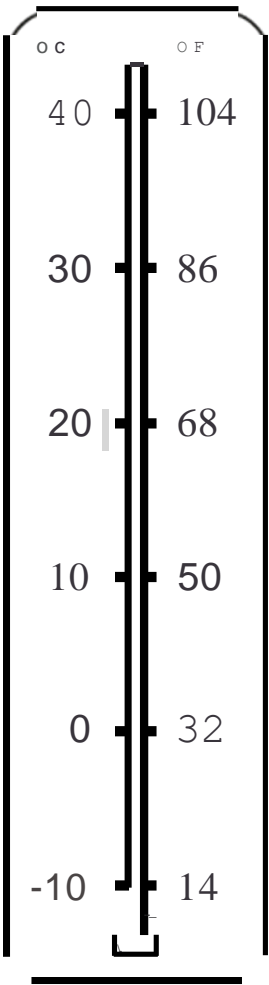
.....

.....

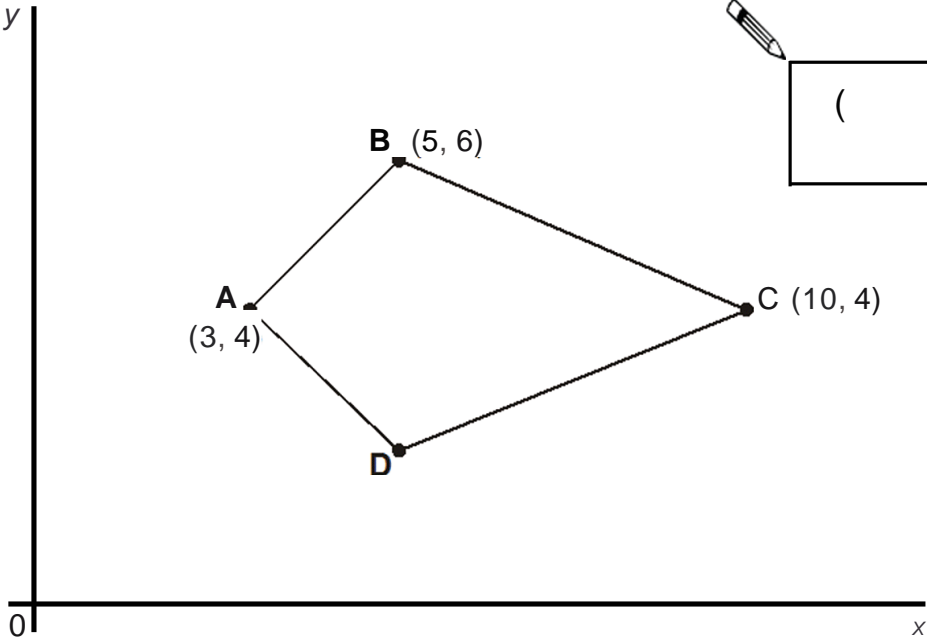
.....

3 This thermometer shows temperatures in both °C and °F.

Work out what **25°C** is in °F.



4 Here is a kite.



()

Write the coordinates of point **D**.

Day 8 - Arithmetic

50 x 10 =

1 mark

$$4096 - 200 =$$

1 mark

3 1 7 3 7 8

2 marks

$$\frac{4}{5} + \frac{5}{15} =$$
[illegible]

--	--

$$\frac{6}{7} \times 2 =$$

mark

$$2 \begin{vmatrix} 1 \\ 2 \end{vmatrix} + \begin{vmatrix} 1 \\ 3 \end{vmatrix} -$$

mark

Day 8 - Reasoning

1 Write the number 53,148 in **words**.

2 The numbers in this sequence increase by 30 each time.

20 50 80 110 ...

The sequence continues in the same way.

Which number in the sequence will be **closest to 300**?

Show your meth od																			

3 Here is a number written in Roman numerals.

CXV

Write the number in figures.

4 Liam thinks of a number.

He **multiplies the number by 5** and then **subtracts 60** from the result.

His answer equals the number he started with.

What was the number Liam started with?

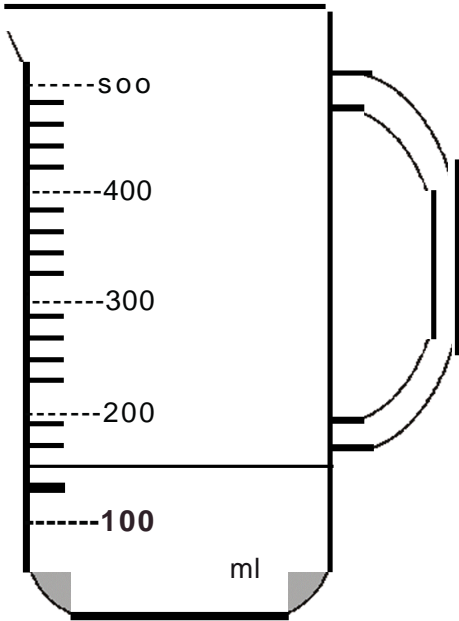





Show your **working**.
You may get a mark.



5 Mr Khan makes a blackcurrant drink for a party.
He pours blackcurrant squash into a jug.



How much water must he add to make **500 millilitres** of drink?



ml

Day 9 - Arithmetic

1

428 x 2 =

[illegible]

1 mark

2

$$7.9 + 0.42 =$$

A 20x10 grid with a 10x5 rectangle highlighted in the bottom right corner.

1 mark

$$= 1,320 + 11$$

A large rectangular grid consisting of 20 columns and 10 rows of squares, intended for drawing a picture.

1
mark

900 of 2,000 =

A 10x10 grid of squares. A 4x4 rectangle of squares in the bottom right corner is white, while the remaining 66 squares are black. The white rectangle occupies the last 4 columns and the first 4 rows of the grid.

11

1 mark

5

3 2 5 7 9 2

**Show
your
method**

A large rectangular grid consisting of 20 columns and 10 rows of squares, intended for drawing a picture.

11

2 marks

6

$$\frac{3}{4} + \frac{3}{12} =$$

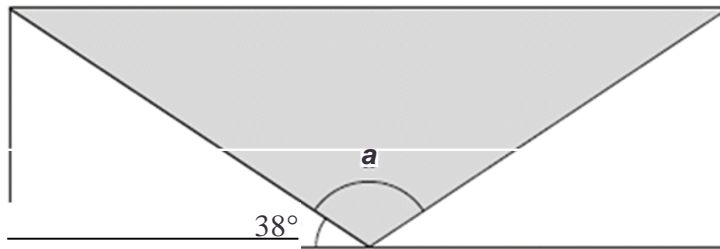
[illegible]

11

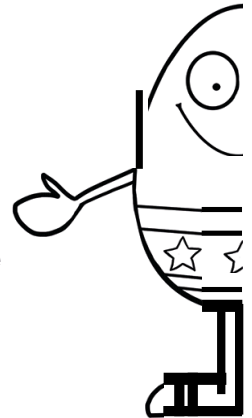
1 mark

Day 9 - Reasoning

- 1** A shaded **isosceles** triangle is drawn inside a rectangle.



**Not
to
scale**



Calculate the size of angle a .

 $|r$

rsho

W

you

r

eth

OC

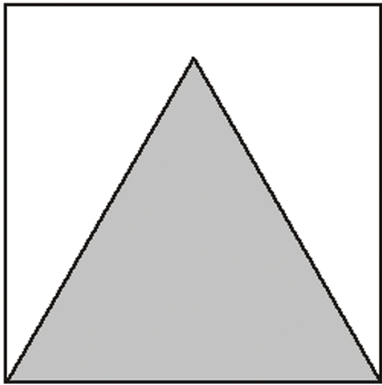
- 2 Here is a sorting diagram for numbers.

~~Write a number less than 100 in each space.~~



	even	not even
a square number		
not a square number		

3 Here is an equilateral triangle inside a square.



Not actual size

The perimeter of the triangle is 48 centimetres.

What is the perimeter of the **square**?

4 This table shows the number of people living in various towns in England.

Town	Population
Bedford	82,448
Carlton	48,493
Dover	34,087
Formby	24,478
Telford	166,640

What is the **total** of the numbers of people living in Formby and in Telford?

What is the **difference** between the numbers of people living in Bedford and in Dover?

Day 10 - Arithmetic

1

$$73 \times 4 =$$

--

1 mark

2

$$2,067 + 393 =$$

--

1 mark

1.45 x 7

--

1 mark

A 20x10 grid of squares. A rectangular box is drawn over the bottom right portion of the grid, spanning 5 columns and 2 rows. The box is defined by a thick black border. The grid lines are thin black lines. The box is located in the bottom right corner of the grid, starting from the 15th column and 8th row, and ending at the 20th column and 10th row.

11

1 mark

[illegible]

11

1 mark

A 20x10 grid with a 5x3 rectangle highlighted in the bottom right corner.

1

1 mark


Day 10 - Reasoning

- 1 A film starts at 6:45pm.

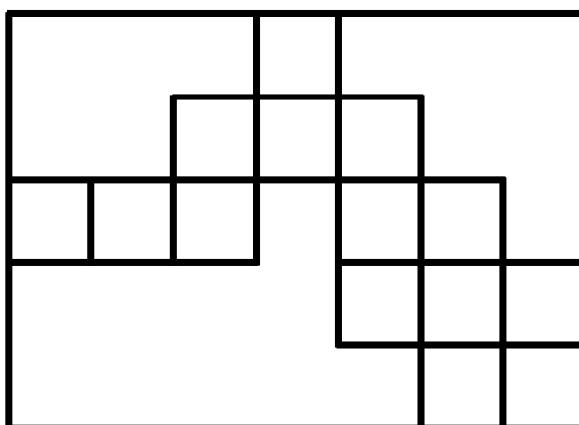
It lasts 2 hours and 35 minutes.

What time will the film finish?




 pm

- 2 Here is a rectangle with 13 identical shaded squares inside it.



What fraction of the rectangle is shaded?

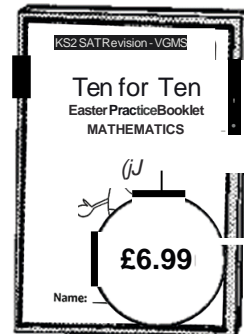


- 3 Write in the missing number.

 50 \div - 2.5

4

Book Sale Any 3 books for £14.50



Lee bought **these three** books in the sale for **£14.50**

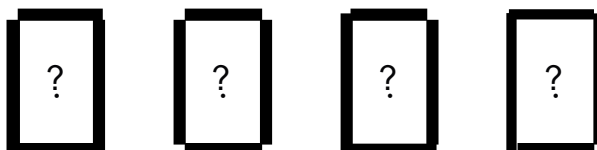
How much money did he save altogether compared to the **full price** of the books?

 Show your **working**. You may get a mark.

£

5 Debbie has a pack of cards numbered from 1 to 20

She picks four different number cards.




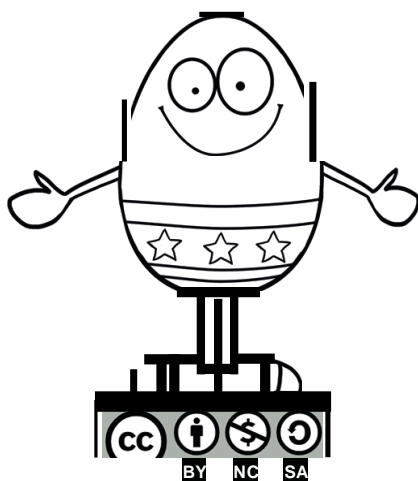
Exactly three of the four numbers are multiples of 5

Exactly three of the four numbers are even numbers.

All four of the numbers add up to less than 40

Write what the numbers could be.





For source files visit: <http://bit.ly/2muSRlX>

Ten for Ten KS2 Mathematics - Easter Practice Booklet by Nyima Drayang is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License.

Permissions beyond the scope of this license may be available at <https://twitter.com/LttMaths>