### 1st January

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>606 + 2,525</td>
<td>(\frac{2}{7} + \frac{3}{7})</td>
</tr>
</tbody>
</table>

### 1st January

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Round 3,541 to the nearest 100</td>
<td>Round 3,541 to the nearest 1,000</td>
</tr>
</tbody>
</table>

### 1st January

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>How many students are there in total in Year 4?</td>
<td>How many more Year 4 children than Year 6 children play a musical instrument?</td>
</tr>
</tbody>
</table>

---

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2nd January

<table>
<thead>
<tr>
<th>425 − 170</th>
<th>8 × 44</th>
</tr>
</thead>
</table>
| \[
\begin{array}{c}
\includegraphics[width=0.5\textwidth]{rectangle1.png}
\end{array}
\] | \[
\begin{array}{c}
\includegraphics[width=0.5\textwidth]{rectangle2.png}
\end{array}
\] |

Arrange these numbers in order, starting with the largest

15,123  15,200  15,032  15,103

Three points are shown on a grid. ABCD is a rectangle.

Write down the coordinates of the point D

Two of the shapes have been shaded so that \( \frac{1}{3} \) of the shape is pink.

Which shape has not been shaded \( \frac{1}{3} \) pink?
### 3rd January

<table>
<thead>
<tr>
<th>3.4 + 5.8</th>
<th>16 × 100</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ben</th>
<th>Cara</th>
<th>Dylan</th>
<th>Ellie</th>
</tr>
</thead>
<tbody>
<tr>
<td>○ ○ ○</td>
<td>○ ○</td>
<td>○ ○ ○</td>
<td>○ ○ ○ ○</td>
</tr>
</tbody>
</table>

**Key** ○ = £10

How much money does Dylan have?

Super Bowl LII will take place in 2018.

Write LII in **figures**

The numbers in this sequence increase by the same amount each time.

Find the missing numbers

□ 73 88 □ 118
4th January

\[
\frac{1}{6} \text{ of } 78
\]

\[
4,511 - 1,042
\]

Draw a right angle

Work out the **difference** in height between the tallest and smallest mountains in the table.

<table>
<thead>
<tr>
<th>Mountain</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mont Blanc</td>
<td>4,809 metres</td>
</tr>
<tr>
<td>Ben Nevis</td>
<td>1,334 metres</td>
</tr>
<tr>
<td>Carrauntoohil</td>
<td>1,038 metres</td>
</tr>
<tr>
<td>Mount Vancouver</td>
<td>4,812 metres</td>
</tr>
</tbody>
</table>

Ryan has these digit cards.

\[
2 \quad 6 \quad 7
\]

He makes a 1-digit and a 2-digit number. He multiplies them together and the answer is a **multiple of 4**.

What could Ryan’s multiplication be?

\[
\boxed{\quad} \times \boxed{\quad} \boxed{\quad}
\]

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### 5th January

**Question 1:**

\[ = 2300 + 900\]

\[9 \times 62\]

**Question 2:**

A song lasts 3 minutes 37 seconds.

How long does the song last in seconds?

**Question 3:**

How many degrees warmer was it at 1pm than at 11am?

**Question 4:**

At 4pm the temperature was 5 degrees lower than at 3pm.

What was the temperature at 4pm?
6th January

Jamie has £56
Anne has £12 less than Jamie
Tom has twice as much money as Jamie

How much money do they all have in total?

Ruby buys 21 boxes of doughnuts
She buys 4 boxes of cupcakes

Ruby says, “I have three times as many cupcakes than doughnuts.”
Is she correct?

Work out the perimeter of the rectangle

$$ -200 = 3,859 $$

5 2 3 0
7th January

\[ 123 \times 4 \]

\[ \frac{1}{4} + \frac{1}{4} + \frac{1}{4} \]

Circle the quadrilateral with exactly three acute angles

In a shop, 3 apples cost the same as 2 bananas
One banana costs 57p
How much does one apple cost?

Circle the number that is 10 times greater than eight hundred and forty.
8th January

\[ \frac{2}{3} \text{ of } 15 \]

\[
\begin{array}{cccc}
3 & 9 & 2 & 0 \\
-1 & 7 & 3 & 1 \\
\end{array}
\]

The point A has the coordinates (2, 4)
Plot the point A on the grid

The table shows the temperature at 5am on three days in May.

<table>
<thead>
<tr>
<th>4th May</th>
<th>5th May</th>
<th>6th May</th>
</tr>
</thead>
<tbody>
<tr>
<td>-6°C</td>
<td>3°C</td>
<td></td>
</tr>
</tbody>
</table>

Work out the difference in temperature on the 4th May and the temperature on the 5th May

The temperature on 6th May was 6°C lower than on the 5th May.

What was the temperature on the 6th May?
<table>
<thead>
<tr>
<th>9th January</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4.3 − 0.5</strong></td>
</tr>
</tbody>
</table>

Write down the first five multiples of 9

A clock shows this time twice a day

Tick the two digital clocks that show this time.

A group of friends earn £60 by selling lemonade.

They share the money **equally**

They get £12 each.

How many friends are in the group?
<table>
<thead>
<tr>
<th>10th January</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,058 + 461</td>
</tr>
<tr>
<td>132 ÷ 6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Write 0.75 as a fraction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Write 0.5 as a percentage</td>
</tr>
</tbody>
</table>

Rosie cuts **3 metres** of ribbon into **four** pieces.

The length of the first piece was **0.8m**
The length of the second piece was **1.1m**
The length of the third piece was **0.2m**

Work out the length of the fourth piece

On Wednesday, James slept for **$\frac{3}{8}$** of the day.

For how many hours was James awake?
### 11th January

\[
\frac{3}{5} - \frac{1}{5}
\]

\[
5 \times 6 \times 9 \times 2
\]

A sweet costs 7p.

How many sweets can be bought for £1.12?

Write down the letters of the angles that are acute

Write down the letter of the angle that is obtuse

Write down the letter of the angle that is a right angle
<table>
<thead>
<tr>
<th>Date</th>
<th>Expression 1</th>
<th>Expression 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>12th January</td>
<td>$60,000 - 600$</td>
<td>$20 \times 100$</td>
</tr>
</tbody>
</table>

Each shape stands for a number.

Work out the value of each shape

- $\triangle = \_\_\_\_$
- $\square = \_\_\_\_$

Shown is a right angle

Calculate the size of angle $x$
13th January

<table>
<thead>
<tr>
<th>8 × 12</th>
<th>1,723 − 143</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

How many days are there in 15 weeks?

Write the missing numbers to make this **multiplication** grid correct

There are 1,800 Lego bricks in a box.

James and Vicky take 350 bricks each.

Mollie and Thomas share the rest of the bricks equally.

How many bricks does Mollie get?
What type of triangle is shown?

At 9am, there were 812 cars in a car park.
By 10am, 37 cars had left the car park
151 cars had entered the car park

How many cars are there in the car park at 10am?

Tick the two shapes that have $\frac{2}{3}$ shaded
15th January

<table>
<thead>
<tr>
<th>309 + 155 + 820</th>
<th>14 × 3 = 2 ×</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Write the number twelve thousand, six hundred and two in figures

Laura is saving money to buy a guitar.
The guitar costs £120
So far Laura has saved £76.81
How much **more** money does Laura need?

Part of a shape is shown on the grid
The shape has one line of symmetry
Complete the shape
16th January

\[ \frac{3}{4} \text{ of } 24 \quad \text{11} \times 12 \]

2936 people visited a library last week. Round this number to the nearest 10.

4761 people visited a museum last week. Round this number to the nearest 100.

Which shape has the most vertices?

In 2017 the 22\textsuperscript{nd} June was a Thursday. What day was the 3\textsuperscript{rd} July 2017?
17th January

\[
\frac{7}{8} - \frac{1}{8}
\]

\[
9,090 - 201
\]

Write the number 15,106 in words

What is the temperature at 10am?

The thermometer shows the temperature at 4am in a town.

The temperature increase by 8°C by 10am

Kali is doing sit-ups

She does 7 sit-ups every ten seconds.

How many sit-ups does she do in two minutes?
### 18th January

<table>
<thead>
<tr>
<th>952 + 100</th>
<th>246 ÷ 3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4,730 × 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Write down the value of the 7 in the answer.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>James earns £8 per hour. He works 14 hours in one week. He gives ( \frac{1}{4} ) of his pay to his sister. How much does he give to his sister?</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Which two shapes have a line of symmetry?</th>
</tr>
</thead>
</table>

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19th January

\[ 904 - 46 \]

\[ = 739 + 265 \]

An assembly hall has 20 rows. Each row has 14 chairs.

During an assembly there are 27 seats empty.

Work out how many people went to the assembly

£4.75 each

Find the cost of 6 teddy bears

The perimeter of the rectangle is 30cm. Work out the length of the rectangle.
20th January

<table>
<thead>
<tr>
<th>115 ÷ 5</th>
<th>+ 10 = 230 − 30</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Trevor runs a half marathon.
He started at 09:25
He ran for 135 minutes
What time did he finish?

How many matches did the football team win?

A win is worth 3 points.
A draw is worth 1 point.
How many points did the team get in total?
21st January

<table>
<thead>
<tr>
<th>92 ÷ 4</th>
<th>245 × 3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

728 people went to a rugby match.
Tickets were £5 each.
How much money was paid in total?

What day of the week is May 20th?

What date is the 3rd Tuesday in April?

Jordan works every Monday, Tuesday and Friday.
How many days does Jordan work in May?
22nd January

51 \times 8  

30 \times 60 \times 10

David drives 4.8 miles to Bristol and then he drives to Bath.

In total he drives 11.5 miles.

Work out the distance from Bristol to Bath

Write one number in each box

One is done for you

\[ 51 \times 8 = \boxed{408} \]

\[ 30 \times 60 \times 10 = \boxed{18,000} \]

Benny says the line AC is a straight line.

Why is he incorrect?
Name: _______________  Primary 5-a-day  Silver

23rd January

\[ 100 \times 382 \quad 8.2 + 0.7 \]

At a football match there are 2,942 Rover fans and 9,381 City fans.

How many more fans did City have?

Three points are shown on a grid. ABCD is a square.

Plot the point C

The speedometer shows the speed a car is travelling. The car joins the motorway and its speed increases by 25 miles per hour.

What speed is the car travelling on the motorway?
24th January

\[
\frac{4}{11} + \frac{2}{11} \quad \quad \quad 544 - 155
\]

Write 0.25 as a percentage

Write 75% as a fraction

What is the difference in temperature between London and Aberdeen?

How much longer is the Nile than the combined lengths of the other two rivers?

<table>
<thead>
<tr>
<th>River</th>
<th>Length in kilometres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nile</td>
<td>6,853</td>
</tr>
<tr>
<td>Thames</td>
<td>346</td>
</tr>
<tr>
<td>Mississippi</td>
<td>3,734</td>
</tr>
</tbody>
</table>

This table shows the lengths of three rivers.
25th January

On the rectangle, draw all the lines of symmetry

1 kilometre =  metres

1 metre =  centimetres

1 kilogram =  grams

I think of a number

I double my number, then I double again.

I then add 40.

The answer is 424.

What is my number?
26th January

<table>
<thead>
<tr>
<th>2,875 + 8,000</th>
<th>10 × 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Which angle is 100°?

A  B  C  D

<table>
<thead>
<tr>
<th>Key</th>
<th>represents 4 books</th>
</tr>
</thead>
<tbody>
<tr>
<td>Romance</td>
<td>☐ ☐</td>
</tr>
<tr>
<td>Crime</td>
<td>☐ ☐</td>
</tr>
<tr>
<td>Horror</td>
<td>☐ ☐</td>
</tr>
<tr>
<td>Factual</td>
<td>☐ ☐</td>
</tr>
</tbody>
</table>

The pictogram shows the number of books Gail read last year.

How many horror books did Gail read?

How many books did Gail read in total?

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27th January

5 − 7

\[ \frac{3}{5} \text{ of } 35 \]

Find the missing numbers

+15 +15

Mrs Johnson set 6 students a test. The test has 20 questions

To pass you will need to answer \( \frac{3}{4} \) of the questions correctly.

The results were:

- Alan: 14
- Barry: 16
- Carl: 13
- Donna: 19
- Emma: 20
- Fiona: 10

Which students passed the test?
### 28th January

**115 − 84**

**480 ÷ 8**

<table>
<thead>
<tr>
<th>115 − 84</th>
<th>480 ÷ 8</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>31</strong></td>
<td><strong>60</strong></td>
</tr>
</tbody>
</table>

**Calculate the size of angle x**

A supermarket sells batteries in packs of 2 and packs of 4.

<table>
<thead>
<tr>
<th>2 pack</th>
<th>4 pack</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>£1.75</strong></td>
<td><strong>£2.60</strong></td>
</tr>
</tbody>
</table>

Megan and Elise want 10 batteries each.

Megan buys 5 packs of two batteries

Elise buys 2 packs of four batteries and 1 pack of two batteries

How much does Megan pay for her 10 batteries?

How much less money does Elise pay than Megan?
29th January

4000 − 40

108 ÷ 9

Write the number 100 in Roman numerals

Write in the missing digits to make this correct

Reflect the shape using the dotted line as the mirror line
30th January

29 + 29 + 29 + 29

How many white cars are in the school car park?

Jack says there are 10 green cars in the school car park. Is he correct?

Ed buys three ice creams. He pays with a £5 note.

This is his change:

Work out the cost of one ice cream.

\[
\frac{7}{10} \text{ of } 20
\]
31st January

\[
\frac{4}{15} + \frac{7}{15} \quad \quad \quad 160 \div 20
\]

The point A is plotted on the grid
Write down the coordinates of the point A

Helen chooses a number
She multiples it by 3 and then adds 15
Her answer is 75.
What was the number she started with?

Work out the perimeter of the square