1. What numbers are represented?

- 5
- 10
- 15
- 20

Complete the sentence.
These numbers are all multiples of 5.

2. Complete the number track.

```
0 6 12 18 24 30 36 42 48 54 60
```

3. a) List all the multiples of 2 up to 20

\[2, 4, 6, 8, 10, 12, 14, 16, 18, 20\]

b) List all the multiples of 4 up to 20

\[4, 8, 12, 16, 20\]

c) What do you notice about the multiples of 2 and 4?

d) Is the number 47 a multiple of 4? **No**

Explain how you know.

- All multiples of 4 are even.

4. a) Circle all the multiples of 3

- 23
- 6
- 13
- 18
- 21
- 32

b) The table shows four more multiples of 3

<table>
<thead>
<tr>
<th>Multiple of 3</th>
<th>75</th>
<th>126</th>
<th>432</th>
<th>9,735</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sum of the digits</td>
<td>12</td>
<td>9</td>
<td>9</td>
<td>24</td>
</tr>
</tbody>
</table>

What do you notice about the sum of the digits in each number?

They are multiples of 3.
5 Multiples of 5 always have a 5 in the number.

Is the statement true or false? \textit{false}.

Explain your answer.

\textbf{10} is a multiple of 5 and \textbf{doesn't} have a 5 in the number.

6 Which number is the odd one out?

Tick your answer.

Various answers e.g. \textbf{8} 56 6 \checkmark 16

Explain to a partner why it is the odd one out.

7 Here is part of a hundred square.

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|}
\hline
11 & 12 & 13 & 14 & 15 & 16 & 17 & 18 & 19 & 20 \\
21 & 22 & 23 & 24 & 25 & 26 & 27 & 28 & 29 & 30 \\
31 & 32 & 33 & 34 & 35 & 36 & 37 & 38 & 39 & 40 \\
\hline
\end{tabular}

a) Colour the multiples of 3

b) Draw a circle around all the multiples of 2

c) Some numbers have been coloured \textbf{and} circled.

What do you notice about these numbers?

8 Rosie and Jack are each thinking of a number.

Could they be thinking of the same number? \textit{Yes}.

Explain your answer.

They could be thinking of 30, 60 etc.

9 Scott’s age is a multiple of 8 and 12

His age is one away from a multiple of 7

He is younger than 50 years old.

How old is Scott?

\textbf{48}

10 Write the multiples of 15 between 250 and 350

\begin{tabular}{cccccccc}
255 & 270 & 285 & 300 & 315 & 330 & 345 \\
\hline
\end{tabular}

Compare answers with a partner to make sure you have them all.