When **Mick** is on **20**, where is **Sam**?

When **Sam** is on **14**, where is **Mick**?
Mick and Sam start again.

They decide to race.

I will start on 0
Your jumps are smaller
so you start on 50

Who gets to 100 first?

Show how you work it out.
2. Each picture stands for a number.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th>Total of the row</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Cars" /></td>
<td><img src="image" alt="Cars" /></td>
<td><img src="image" alt="Cars" /></td>
<td>20</td>
</tr>
<tr>
<td><img src="image" alt="Cars" /></td>
<td><img src="image" alt="Cars" /></td>
<td><img src="image" alt="Cars" /></td>
<td>28</td>
</tr>
<tr>
<td><img src="image" alt="Cars" /></td>
<td><img src="image" alt="Cars" /></td>
<td><img src="image" alt="Bus" /></td>
<td>35</td>
</tr>
<tr>
<td><img src="image" alt="Cars" /></td>
<td><img src="image" alt="Bus" /></td>
<td><img src="image" alt="Tractor" /></td>
<td>46</td>
</tr>
<tr>
<td><img src="image" alt="Bus" /></td>
<td><img src="image" alt="Tractor" /></td>
<td><img src="image" alt="Fire Truck" /></td>
<td>?</td>
</tr>
</tbody>
</table>

What is the total of the last row?
3. big pack, 5 pens  small pack, 3 pens

Give two different ways to buy exactly 34 pens.

big packs and small packs

or big packs and small packs

4. Both sets of scales are balanced.

How much does weigh? kg
Anna uses red tinsel to decorate square mirror tiles.

is made from 4 tiles.

She puts 80cm of red tinsel around the perimeter.

is made from 15 tiles.

How many centimetres of red tinsel does she put around the perimeter?
The medals for the 2012 Olympics were made in Wales.

**Gold medal**
Made from:
- 6 grams of gold
- 370 grams of silver
- 24 grams of copper.

**Silver medal**
Made from:
- 370 grams of silver
- 30 grams of copper.

<table>
<thead>
<tr>
<th></th>
<th>Gold</th>
<th>Silver</th>
<th>Copper</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost of one gram</td>
<td>£36.50</td>
<td>£0.63</td>
<td>£0.01</td>
</tr>
</tbody>
</table>

A gold medal cost **more** to make than a silver medal.

How much more?

£ **more**