Make a Minute

Answer true or false for each of these questions – check your answers and colour each correct segment. Answer all twelve correctly to make a minute! The first has been done for you.

Every month begins on a Monday.

There is a leap year every 4 years.

There are 366 days in a leap year.

100 seconds is the same as two minutes.

There are 31 days in May.

A minute and a half is less than 50 seconds.

There are 635 days in a regular year.

There are 36 hours in 2 whole days.

There are 60 months in a year.

There are 24 hours in a month.
Check Your Change!

Check the change the shopkeeper has given you. Are you happy to walk out of the shop with that change or do you need to go back and inform her of a mistake?

<table>
<thead>
<tr>
<th>You buy</th>
<th>You pay</th>
<th>Your change</th>
<th>‘Thanks for my change!’ or ‘Excuse me!’</th>
</tr>
</thead>
<tbody>
<tr>
<td>🎯</td>
<td>🤿 🤿 🤿</td>
<td>💰</td>
<td>💰</td>
</tr>
<tr>
<td>£3.69</td>
<td>£5</td>
<td>💰</td>
<td>💰</td>
</tr>
<tr>
<td>📚</td>
<td>🤿</td>
<td>💰</td>
<td>💰</td>
</tr>
<tr>
<td>£4.75</td>
<td>💰</td>
<td>💰</td>
<td></td>
</tr>
<tr>
<td>🍏 🍏 🍏</td>
<td>💰</td>
<td>💰</td>
<td></td>
</tr>
<tr>
<td>£1.35</td>
<td>💰</td>
<td></td>
<td></td>
</tr>
<tr>
<td>🌿</td>
<td></td>
<td>💰</td>
<td></td>
</tr>
<tr>
<td>£37p</td>
<td>💰</td>
<td></td>
<td></td>
</tr>
<tr>
<td>🍔</td>
<td>💰</td>
<td></td>
<td></td>
</tr>
<tr>
<td>You buy</td>
<td>You pay</td>
<td>Your change</td>
<td>‘Thanks for my change!’ or ‘Excuse me!’</td>
</tr>
<tr>
<td>---------</td>
<td>---------</td>
<td>-------------</td>
<td>---------------------------------------</td>
</tr>
<tr>
<td>£69.99</td>
<td>£10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>£8.15</td>
<td>50p</td>
<td></td>
<td></td>
</tr>
<tr>
<td>99p</td>
<td>50p</td>
<td></td>
<td></td>
</tr>
<tr>
<td>£3.66</td>
<td>50p</td>
<td></td>
<td></td>
</tr>
<tr>
<td>£2.73</td>
<td>20p</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
3 friends decided to compete against each other in a variety of events.

They awarded Gold, Silver and Bronze medals for each event. They decided that a gold medal was worth 3 points, a silver medal 2 points and a bronze medal 1 point. Can you work out who scored the most points?

### Event One – The Long Jump

<table>
<thead>
<tr>
<th>Name</th>
<th>Ginger</th>
<th>Zuna</th>
<th>Dusty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance</td>
<td>1m 34cm</td>
<td>3m 43cm</td>
<td>3m 9cm</td>
</tr>
<tr>
<td>Position</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Points</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Points so far</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Event Two – Little Finger Weightlifting

<table>
<thead>
<tr>
<th>Name</th>
<th>Zuna</th>
<th>Ginger</th>
<th>Dusty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>312g</td>
<td>213g</td>
<td>426g</td>
</tr>
<tr>
<td>Position</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Points</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Points so far</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Event Three – Running backwards 100m

<table>
<thead>
<tr>
<th>Name</th>
<th>Zuna</th>
<th>Dusty</th>
<th>Ginger</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
<td>26 secs</td>
<td>32 secs</td>
<td>42 secs</td>
</tr>
<tr>
<td>Position</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Points</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Points so far</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Event Four – Leaky bucket challenge (How much water could the pals keep in their buckets after they had completed an obstacle course?)

<table>
<thead>
<tr>
<th>Name</th>
<th>Dusty</th>
<th>Ginger</th>
<th>Zuna</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water remaining</td>
<td>260ml</td>
<td>360ml</td>
<td>420ml</td>
</tr>
<tr>
<td>Position</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Points</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Points so far</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Can you draw them on the medal podium?
Roni and Michael are good friends but they are very competitive. How do they measure up in these situations?

1. Michael and Roni had a competition to see who could walk to school in the quickest time.

The table shows what time they leave and what time they arrive.

<table>
<thead>
<tr>
<th>Name</th>
<th>Time left</th>
<th>Time arrived</th>
<th>Time taken</th>
<th>So the winner was…</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael</td>
<td>7:24</td>
<td>7:56</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roni</td>
<td>7:50</td>
<td>8:20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. Michael and Roni both thought their birthday was the closest to Christmas Day.

The table shows when their birthdays are.

<table>
<thead>
<tr>
<th>Name</th>
<th>Birthday</th>
<th>Christmas Day</th>
<th>Days away</th>
<th>So the winner was…</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael</td>
<td>1st December</td>
<td>25th December</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roni</td>
<td>17th January</td>
<td>25th December</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. Michael and Roni both think they played video games for longer than the other at the weekend.

The table shows when they started and finished playing.

<table>
<thead>
<tr>
<th>Name</th>
<th>Time started</th>
<th>Time finished</th>
<th>Time spent</th>
<th>So the winner was…</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael</td>
<td>8:00 am</td>
<td>1:00 pm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roni</td>
<td>11:00 am</td>
<td>3:30 pm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
4. Michael and Roni both think they can estimate exactly a minute with their eyes closed.

The table below shows how close their estimates were...

<table>
<thead>
<tr>
<th>Name</th>
<th>Aim</th>
<th>Actual estimate</th>
<th>Seconds away</th>
<th>So the winner was...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael</td>
<td>60 seconds</td>
<td>1 min 33 seconds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roni</td>
<td>60 seconds</td>
<td>37 seconds</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

5. Michael and Roni both think they can keep their hands in ice cold water for the longest.

The table below shows how long they managed...

<table>
<thead>
<tr>
<th>Name</th>
<th>Time started</th>
<th>Time finished</th>
<th>Total time</th>
<th>So the winner was...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael</td>
<td>10:55:17</td>
<td>10:56:01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roni</td>
<td>11:01:35</td>
<td>11:02:20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

And the overall winner was...
Use the information to fill out the missing boxes in this table - the first one has been done for you.

<table>
<thead>
<tr>
<th>Time with Roman Numerals</th>
<th>Digital Time</th>
<th>a.m./p.m.</th>
<th>24-Hour Clock</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Clock" /></td>
<td>07:25</td>
<td>a.m./p.m.</td>
<td>19:25</td>
</tr>
<tr>
<td><img src="image2" alt="Clock" /></td>
<td>a.m./p.m.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><img src="image3" alt="Clock" /></td>
<td>10:25</td>
<td>a.m./p.m.</td>
<td></td>
</tr>
<tr>
<td><img src="image4" alt="Clock" /></td>
<td>a.m./p.m.</td>
<td>21:05</td>
<td></td>
</tr>
<tr>
<td><img src="image5" alt="Clock" /></td>
<td>08:40</td>
<td>a.m./p.m.</td>
<td></td>
</tr>
<tr>
<td><img src="image6" alt="Clock" /></td>
<td>Noon</td>
<td></td>
<td></td>
</tr>
<tr>
<td><img src="image7" alt="Clock" /></td>
<td>Midnight</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>