After 2 rounds, what could the scores be?

Show all possible pairs of answers. One pair is done for you.

<table>
<thead>
<tr>
<th>Rhian’s score</th>
<th>Tom’s score</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>4</td>
</tr>
</tbody>
</table>

After 8 rounds, Rhian says:

I won 6 and drew 1 of the 8 rounds.

What are their scores?
The next day they play again, starting with a score of 0.

**Rhian**

I will always choose in this order: **dog, cat, mouse, dog, cat, mouse**, and so on.

**Tom**

I will always choose **cat**.

What are their scores after 15 rounds?

<table>
<thead>
<tr>
<th>Rhian</th>
<th>points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tom</td>
<td>points</td>
</tr>
</tbody>
</table>
Meg sells birthday cakes with candles to show the ages, e.g.

Information about the candles:

```
1 2 3 4 5 6 7 8 9 0
```

Each digit costs £1.50

Meg makes one cake for each year from age 1 to age 16

Altogether, how much do the candles cost?
3. Jac has four identical rectangles.
   Each measures 30 cm by 10 cm.

   He uses them to make this 'windmill' shape.

   Work out the perimeter of the shape.

4. The bear has big jars [ ] and small jars [ ] and a large pot of honey.

   The pot of honey could fill
   
   [ ] and [ ]
   
   or [ ] and [ ]

   How many small jars could the pot of honey fill?
5. \( \triangle + \square = 20 \)
\( \triangle - \square = 6 \)

What are the numbers?

\( \triangle = \), \( \square = \)

\( \bigcirc + \bigstar = 20 \)
\( \bigcirc - \bigstar = 7 \)

What are the numbers?

\( \bigcirc = \), \( \bigstar = \)
Year 6 children buy St David's day mugs, and pencils to put in the mugs.
Then they sell the mugs and pencils and give the profit to charity.

<table>
<thead>
<tr>
<th>What the children buy</th>
<th>Small mug</th>
<th>Big mug</th>
<th>Pencils</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost</td>
<td>£1.95 each</td>
<td>£2.85 each</td>
<td>10p each</td>
</tr>
<tr>
<td>Number</td>
<td>20</td>
<td>15</td>
<td>170</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>What the children sell</th>
<th>Small mug with 4 pencils</th>
<th>Big mug with 6 pencils</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price</td>
<td>£3.50 each</td>
<td>£5.50 each</td>
</tr>
<tr>
<td>Number</td>
<td>19</td>
<td>13</td>
</tr>
</tbody>
</table>

How much money do the children give to charity?