1. Complete the sentences to describe the shapes.

a) A pentagon has ___ sides.

b) A triangle has ___ sides.

c) A ___ has ___ sides.

d) A ___ has ___ sides.

2. Tick the 4-sided shapes.

Did your partner tick the same shapes?

3. Tick the 6-sided shapes.

Compare answers with a partner.

© White Rose Maths 2019
4 Complete the table.

<table>
<thead>
<tr>
<th>Name</th>
<th>Shape</th>
<th>Number of sides</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>pentagon</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>square</td>
<td>8</td>
</tr>
</tbody>
</table>

Is Amir correct? __________
How do you know?

5 This shape is a triangle.

6 Use 15 lolly sticks to make three shapes.

Draw your shapes.

Did your partner make the same shapes?
What happens if you use more or fewer lolly sticks?
1. Complete the sentences to describe the shapes.

a) A pentagon has \[ \underline{5} \] vertices.

b) A triangle has \[ \underline{3} \] vertices.

c) A \underline{rectangle} has \[ \underline{4} \] vertices.

d) A \underline{hexagon} has \[ \underline{6} \] vertices.

2. Tick the shapes with 4 vertices.

3. Tick the shapes with 6 vertices.

Compare answers with a partner.

Talk to a partner about your answers.
4 How many vertices does each shape have?

a)  

b)  

c)  

d)  

e)  

f)  

How did you count the vertices?

5 My shape has more vertices than a triangle, but fewer than a hexagon.

What shape could Ron have? __________
Compare answers with a partner.

6 Rosie is making a pattern out of shapes.

a) How many vertices are in each term of her pattern?

b) What do you notice?

c) How many vertices will the next term have?

d) Create your own pattern with shapes.
   Count the number of vertices in each term.