James has a spinner. The probability of each number is:

<table>
<thead>
<tr>
<th>Number</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Probability</td>
<td>0.2</td>
<td>0.1</td>
<td>0.4</td>
<td></td>
</tr>
</tbody>
</table>

Find the probability of a 4.

The spinner is spun 500 times, how many 4’s are expected?

![Diagram of a tetrahedron with dimensions 3 cm, 5 cm, 7 cm, and 4 cm.]

Calculate the volume.

![Diagram of a circle with an inscribed triangle.]

Calculate OT.

Calculate OQ.

Prove that

\[(3n + 1)^2 - (3n - 1)^2\]

is always a multiple of 6.