26th June

Find angle ABC.

Find angle ADC

Which of these is a geometric progression?

<table>
<thead>
<tr>
<th>Progression</th>
<th>4, 6, 8, 10, 12</th>
<th>4, 8, 16, 32, 64</th>
<th>4, 7, 12, 19, 28</th>
</tr>
</thead>
<tbody>
<tr>
<td>4, 6, 10, 16, 24</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

C is the point (6, −3)
D is the point (9, −12)

Does the point E(−17, 60) lie on the straight line passing through CD?

Find the probability that the spinner lands on red (R) at least twice.

The spinner is spun three times.