The table shows the probabilities that a sweet taken from a jar will be red, pink or purple.

<table>
<thead>
<tr>
<th>Colour</th>
<th>Red</th>
<th>Pink</th>
<th>Purple</th>
</tr>
</thead>
<tbody>
<tr>
<td>Probability</td>
<td>0.4</td>
<td>0.25</td>
<td></td>
</tr>
</tbody>
</table>

There are 1200 sweets. How many are purple?

The bearing of Q from P is 070°. Calculate the bearing of P from Q.

Fifteens
Serves 8
300g digestive biscuits
250g marshmallows
200g glacier cherries
60g coconut flakes
180ml condensed milk

David has 1kg digestive biscuits, 750g marshmallows, 520g glacier cherries, 150g coconut flakes and 600ml condensed milk. How many fifteens can David make?

A dog runs 100 metres in 4.98 seconds. Estimate his average speed in kilometres per hour.

Calculate the area of sector OAB.