**17th August**

<table>
<thead>
<tr>
<th>Find the size of x.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image.png" alt="Triangle Diagram" /></td>
</tr>
</tbody>
</table>

At a university, the ratio of women to men is 4:3.
70% of the women are under the age of 30.
35% of the men are over the age of 30.
What percentage of all the people at the university are over 30?

A yacht leaves the port, P, on a course that is an equal distance from PB and PL.
Using ruler and compasses only, construct the course on the diagram.
You must show your construction arcs.

Expand \( \sqrt{2}(\sqrt{18} - \sqrt{2}) \)