7th September

Solve $x^2 - 16x - 17 = 0$

Solve $x^2 + 10x + 21 = 0$

Write $1.83 \times 10^{-7}$ as an ordinary number.

Write $944000000$ in standard form.

<table>
<thead>
<tr>
<th>Time (t seconds)</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>$20 &lt; t \leq 40$</td>
<td>3</td>
</tr>
<tr>
<td>$40 &lt; t \leq 60$</td>
<td>7</td>
</tr>
<tr>
<td>$60 &lt; t \leq 80$</td>
<td>2</td>
</tr>
</tbody>
</table>

Work out an estimate for the mean.

Work out

$$\frac{2\pi}{9} + \frac{\pi}{4}$$

Give your answer as a fraction.

Three angles in a pentagon are 100 degrees each.

With the two other angles, one is 10 degrees larger than the other.

Find the size of each angle.