Find the area of segment ABC

The weights of some rugby players are recorded in the table.

<table>
<thead>
<tr>
<th>Weight (x kg)</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>$60 \leq x \leq 64$</td>
<td>10</td>
</tr>
<tr>
<td>$64 \leq x \leq 68$</td>
<td>20</td>
</tr>
<tr>
<td>$68 \leq x \leq 72$</td>
<td>30</td>
</tr>
<tr>
<td>$72 \leq x \leq 76$</td>
<td>15</td>
</tr>
<tr>
<td>$76 \leq x \leq 80$</td>
<td>18</td>
</tr>
<tr>
<td>$80 \leq x \leq 84$</td>
<td>7</td>
</tr>
</tbody>
</table>

Find the median by using linear interpolation.

Two players are chosen at random.
Calculate the probability that both players are over 80kg

Find the set of values of x for which $x^2 - 36 > 0$ and $x^2 + 4x - 21 > 0$

The line $l$ is a tangent to the circle $x^2 + y^2 = 90$ at the point P.
P is the point (3, 9)
The line $l$ crosses the x-axis at the point Q.

Work out the area of triangle OPQ.