<table>
<thead>
<tr>
<th>September 6</th>
<th>5-a-day</th>
<th>Higher</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solve $5x^2 = 180$</td>
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Find x and y

Find the area of the sector.

Solve these simultaneous equations

$$3x - 4y = 18$$
$$2x - 5y = 19$$

w is inversely proportional to $c$ squared.

When $w = 400$, $c = 2$.

Find $w$ when $c = 4$. 