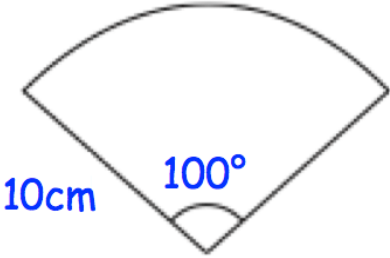
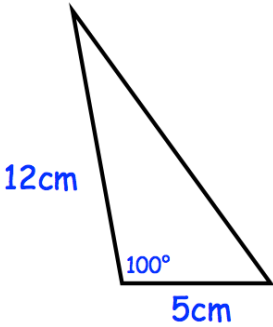


Name: _____

December 19	5-a-day	Higher												
<p>A regular polygon has interior angle 150°.</p> <p>How many sides does it have?</p>														
<table border="1" data-bbox="177 607 647 920"><thead><tr><th>Age</th><th>Frequency</th></tr></thead><tbody><tr><td>$10 < t \leq 20$</td><td>8</td></tr><tr><td>$20 < t \leq 30$</td><td>38</td></tr><tr><td>$30 < t \leq 40$</td><td>28</td></tr><tr><td>$40 < t \leq 50$</td><td>4</td></tr><tr><td>$50 < t \leq 60$</td><td>2</td></tr></tbody></table>	Age	Frequency	$10 < t \leq 20$	8	$20 < t \leq 30$	38	$30 < t \leq 40$	28	$40 < t \leq 50$	4	$50 < t \leq 60$	2		Calculate the estimated mean.
Age	Frequency													
$10 < t \leq 20$	8													
$20 < t \leq 30$	38													
$30 < t \leq 40$	28													
$40 < t \leq 50$	4													
$50 < t \leq 60$	2													
<p>Calculate the perimeter of this sector.</p> 														
<p>Expand and simplify</p> $(5 + \sqrt{3})^2$														
		Calculate the area of the triangle.												