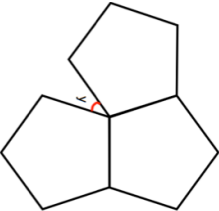
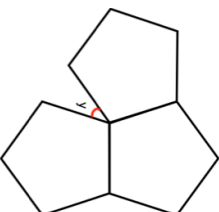


<p>5th January</p> <p style="text-align: right;">Corbettmaths</p> <div style="background-color: green; color: white; padding: 10px; text-align: center;"> <b>Frome</b>  <b>Population 26,000</b> </div>	<p>This sign is correct to the nearest thousand.</p> <p>What is the greatest possible number of people that live in Frome?</p>
	<p>Three identical regular pentagons are joined as shown.</p> <p>Find <math>y</math>.</p>
<p>James takes part in an archery competition.</p> <p>The probability of it being windy is 0.4.</p> <p>The probability of James hitting a target in windy weather is 0.7.</p> <p>The probability of James hitting a target when it is not windy is 0.9.</p>	<p>Show this in a tree diagram.</p>
<p>Find the probability of James hitting the target.</p>	
$a = \begin{pmatrix} 6 \\ -4 \end{pmatrix} \quad b = \begin{pmatrix} -2 \\ 1 \end{pmatrix}$	<p>Work out <math>a - b</math></p>

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