
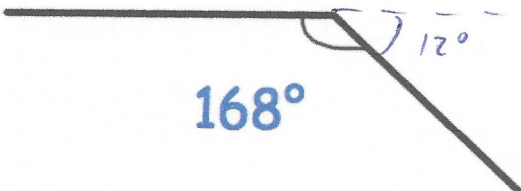


28th October		 Corbettmaths															
<p>The price of a house in 2012 was 180,000. On average, each year the house increased in value by 4%. How much was the house worth in 2017?</p>	180000×1.04^5 $£218997.52$																
<p>Solve</p> $\frac{53 - 2x}{5} = 7$ <p style="text-align: center;">$\times 5 \quad \times 5$</p>	$53 - 2x = 35$ $53 = 35 + 2x$ $2x = 18$ $x = 9$																
<p>What is the sum of the interior angles for an octagon?</p> $(n-2) \times 180$ $(8-2) \times 180 = 1080^\circ$	<p>What is the size of each interior angle for a regular octagon?</p> $1080 \div 8 = 135^\circ$																
<table border="0"> <thead> <tr> <th>Age</th> <th>Frequency</th> <th>fx</th> </tr> </thead> <tbody> <tr> <td>$0 < A \leq 10$</td> <td>5</td> <td>25</td> </tr> <tr> <td>$10 < A \leq 20$</td> <td>15</td> <td>135</td> </tr> <tr> <td>$20 < A \leq 40$</td> <td>30</td> <td>180</td> </tr> <tr> <td></td> <td>Σ</td> <td>340</td> </tr> </tbody> </table>	Age	Frequency	fx	$0 < A \leq 10$	5	25	$10 < A \leq 20$	15	135	$20 < A \leq 40$	30	180		Σ	340	<p>Calculate an estimate of the mean.</p> $340 \div 20 = 17$	
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 <p>Shown is one angle from a regular polygon.</p>	<p>How many sides does it have?</p> $360 \div 12 = 30 \text{ sides}$																