



## POLYGONS MULTI-STEP PROBLEMS

Ref: G424. 4C2

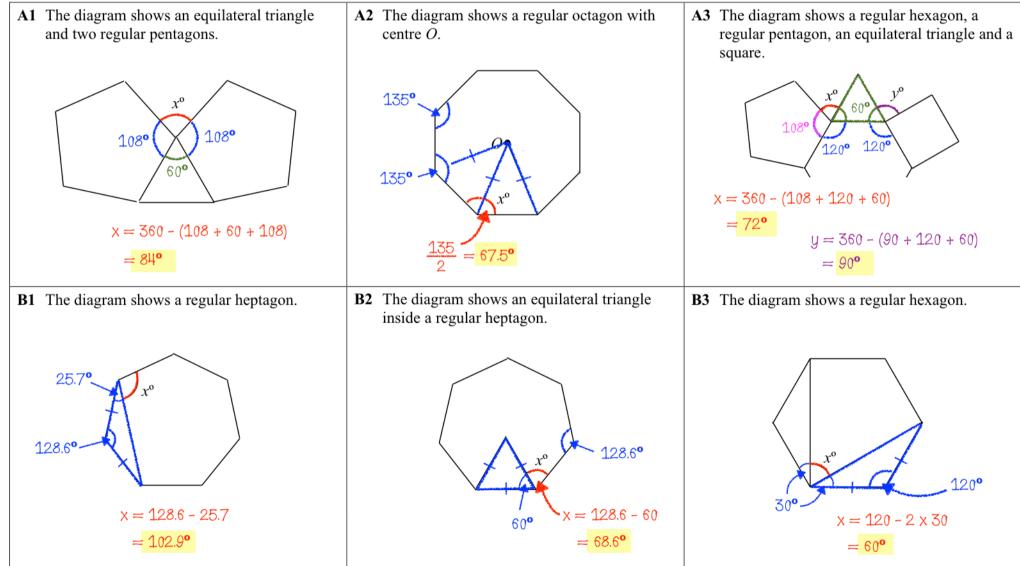
A1 The diagram shows an equilateral triangle and two regular pentagons.	A2 The diagram shows a regular octagon with centre <i>O</i> .	A3 The diagram shows a regular hexagon, a regular pentagon, an equilateral triangle and a square.
x°		
Work out the value of <i>x</i> .	Work out the value of <i>x</i> .	Work out the value of $x$ and the value of $y$ .
<b>B1</b> The diagram shows a regular heptagon.	<b>B2</b> The diagram shows an equilateral triangle inside a regular heptagon.	<b>B3</b> The diagram shows a regular hexagon.
xo		xo
Find the value of <i>x</i> . Show clear working out.	Work out the value of <i>x</i> .	Find the value of <i>x</i> . Show clear working out.





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