12	$9x + 27 + 2x - 23 = 180$ oe eg $11x + 4 = 180$ **or** $\frac{180-27+23}{9+2}(=16)$ **or** $\frac{180-4}{11}(=16)$		4	M1	for using the angle sum on a line to form an equation in x **or** for a numerical method to find x using the angle sum on the line
	$2\times"16"-23\ (=9)$ **or** $9\times"16"+27\ (=171)$			M1	for using the value of x to find the exterior or interior angle
	eg $\frac{360}{n}="9"$ oe **or** $(n=)\frac{360}{"9"}$ $\frac{180(n-2)}{n}="171"$ oe **or** $(n=)\frac{360}{180-"171"}$ oe			M1	for using the formula for an exterior or an interior angle to form an equation in n **or** for a complete method to find n
	Correct answer scores full marks (unless from obvious incorrect working)	40		A1	
					Total 4 marks