Question	Answer	Mark	Mark scheme	Additional guidance
20	57	M1	for method to find angle BCD eg $BCD = 180 - 80$ (= 100)	Angles may be seen on diagram Method marks can be awarded in either order
		M1	for method to find angle DOB eg $DOB = 80 \times 2$ (= 160)	Correct method can be implied from angles on the diagram if no ambiguity or contradiction. eg Angle $O = 160$ is too ambiguous accept angle $C = 100$
		A1	for $OBC = 57$	
		C1	(dep on M1) for one correct circle theorem appropriate to their method eg The angle at the centre of a circle is twice the angle at the circumference **or** The angle at the circumference of a circle is half the angle at the centre **or** Opposite angles of a cyclic quadrilateral add up to 180	Underlined words need to be shown; reasons need to be linked to their method. Accept "$\angle$" for "angle" and "$\angle s$" for "angles" Accept "4-sided shape" for "quadrilateral"