Students can use other methods to gain the correct answer						
20		angle *ABD* = 71 **or** angle *ACD* = 71 **or** using *O* as centre of circle, angle *ADO* = 90 – 71 (=19)		5	M1	clearly labelled or stated
		angle *ADB* = 71 **or** angle *ACB* **=** 71 **or** angle *BAD* = 19 × 2 (=38) **or** reflex angle *BOD* = 2 × 142 (=284)			M1	dep clearly labelled or stated
		angle *BCD* = 142	142		A1	Clearly labelled or stated, from no incorrect working for their method
					B2	dep on A1 for fully correct reasons for each stage of working, repeated if used more than once. eg alternate segment theorem, base angles in an isosceles triangle are equal, angles in a triangle sum to 180°, angle between tangent and radius(diameter) is 90° congruent triangles (equal triangles) oe opposite angles of a cyclic quadrilateral sum to 180° angles in the same segment angle at the centre is 2 × angle at circumference oe equal chords subtend equal angles at the circumference If not B2 then award B1 dep on M1 for any one correct circle theorem reason associated with angle(s) found
						Total 5 marks