

1			2	M1	Arcs on $BC$ , $AB$ and arcs from these points meeting <b>or</b> for bisector without arcs
		Correct bisector		A1	must see correct arcs
Total 2 marks					

2	(a)	An acute angle drawn at $A$	1	B1	
	(b)	Diameter drawn	1	B1	Diameter should not extend significantly beyond circumference.
Total 2 marks					

3		Fully correct angle bisector with all relevant arcs shown	2	B2	Fully correct angle bisector with all arcs shown. B1 for all arcs and no angle bisector drawn or for a correct angle bisector within guidelines but not arcs or insufficient arcs
Total 2 marks					

4		Line from $B$ at $65^\circ \pm 2^\circ$ <b>or</b> arc from $B$ at $6.2 \text{ cm} \pm 0.2 \text{ cm}$	2	M1	
		Correct triangle		A1	SCB1 if no marks scored, award if student has used point $A$ for line <b>and</b> arc, rather than point $B$

5	(c)	Two intersecting arcs with equal radius	2	M1	For arcs that intersect within guidelines or correct equilateral triangle drawn without arcs
		Correct equilateral triangle with arcs		A1	

6		Correct triangle	2	B2	For a fully correct triangle with arcs shown (B1 for a correctly sized triangle with no arcs shown <b>or</b> for an incorrectly sized triangle with arcs shown where $AC = BC$ <b>or</b> correct arcs not joined) (overlay required)
Total 2 marks					

7		Allow Triangle drawn with intersecting arcs 6 cm from $B$ and 9 cm from $A$			B2 for triangle drawn with correct intersecting arcs 6 cm from $A$ and 9 cm from $B$ within the overlay (B1 for two intersecting arcs within the overlay <b>or</b> accurate triangle drawn with no arcs)
Total 2 marks					

8	(a)	Correct line	1	B1	line drawn at $y = -2$
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9		Fully correct angle bisector with all relevant arcs shown	2	B2	for a fully correct angle bisector with all relevant arcs shown  If not B2 then B1 for all arcs and no angle bisector drawn or for a correct angle bisector within the guidelines but no correct arcs or insufficient correct arcs
Total 2 marks					

10		Two pairs of intersecting arcs with equal radii centre $A$ and $B$	2	M1	for arcs that intersect within or on the guidelines <b>or</b> correct perpendicular bisector without arcs.
		Working required		A1	for a fully correct bisector with two intersecting arcs
Total 2 marks					