1						2	M1	Arcs on <i>BC</i> , <i>AB</i> and arcs from these points meeting or for bisector without arcs
				Correct bised	ctor		A1	must see correct arcs
								Total 2 mark
2	(a)			An acute angl	e	1	B1	
				drawn at \overline{A}				
	(b)			Diameter drawn		1	B1	Diameter should not extend significantly beyond circumference. Total 2 mark
3			bis	y correct angle sector with all vant arcs shown	2		shown B1 for or for a	orrect angle bisector with all arcs all arcs and no angle bisector drawn a correct angle bisector within nes but not arcs or insufficient arcs
							-	Total 2 mark
4		Line from <i>B</i> at $65^{\circ} \pm 2^{\circ}$ or arc from <i>B</i> at 6.2 cm \pm 0.2 cm				2	M1	
				Correct trian	gle		A1	SCB1 if no marks scored, award if student has used point <i>A</i> for line and arc, rather than point <i>B</i>
5	(c)	Two intersecting arcs with equal radius			2 N			rcs that intersect within guidelines o ct equilateral triangle drawn withou
				orrect equilateral iangle with arcs		Al		
6				Correct trian	gle	2	B2	For a fully correct triangle with arc shown (B1 for a correctly sized triangle with no arcs shown or for an incorrectly sized triangle with arcs shown where $AC = BC$ or correct arcs not joined) (overlay required) Total 2 mar
7		Allow	Triangle drawn with correct intersecting arcs 6 cm from A and 9 cm from B			B2 fo	r triangle drawn with correct	
·		Triangle drawn with intersecting arcs 6 c <i>B</i> and 9 cm from <i>A</i>	em from	arcs 6 cm from .			from (B1 f	ecting arcs 6 cm from <i>A</i> and 9 cm <i>B</i> within the overlay or two intersecting arcs within the ay or accurate triangle drawn with no
			em from	arcs 6 cm from .			from (B1 f overla	ecting arcs 6 cm from <i>A</i> and 9 cm <i>B</i> within the overlay or two intersecting arcs within the
8	(a)			arcs 6 cm from .	4 and	1	from (B1 f overla	ecting arcs 6 cm from <i>A</i> and 9 cm <i>B</i> within the overlay or two intersecting arcs within the ay or accurate triangle drawn with no
8	(a)	B and 9 cm from A	v correct ar ector with a ant arcs sho	arcs 6 cm from <i>B</i> 9 cm from <i>B</i> Correct lin ngle 2 all 2	4 and e B2 fo sh	own	from (B1 frover): arcs) B1	ecting arcs 6 cm from A and 9 cm B within the overlay or two intersecting arcs within the ay or accurate triangle drawn with no Total 2 mar line drawn at $y = -2$ t angle bisector with all relevant arc
-	(a)	B and 9 cm from A	v correct ar	arcs 6 cm from <i>B</i> 9 cm from <i>B</i> Correct lin ngle 2 all 2	4 and e B2 fo sh If dr gu	own not B2 t awn or f	from (B1 fr overla arcs) B1 correct	ecting arcs 6 cm from A and 9 cm B within the overlay or two intersecting arcs within the ay or accurate triangle drawn with no Total 2 marl line drawn at $y = -2$ t angle bisector with all relevant arc for all arcs and no angle bisector rrect angle bisector within the correct arcs or insufficient correct
-	(a)	B and 9 cm from A	v correct ar	arcs 6 cm from <i>B</i> 9 cm from <i>B</i> Correct lin ngle 2 all 2	4 and e B2 fo sh If dr gu	own not B2 t awn or f iidelines	from (B1 fr overla arcs) B1 correct	ecting arcs 6 cm from A and 9 cm B within the overlay or two intersecting arcs within the ay or accurate triangle drawn with no Total 2 marl line drawn at $y = -2$ t angle bisector with all relevant arc for all arcs and no angle bisector rrect angle bisector within the correct arcs or insufficient correct
	(a)	B and 9 cm from A	/ correct ar ector with a ant arcs she	arcs 6 cm from <i>B</i> 9 cm from <i>B</i> Correct lin ngle 2 all 2	4 and e B2 fo sh If dr gu	own not B2 t awn or f iidelines	from (B1 fro	ecting arcs 6 cm from A and 9 cm B within the overlay or two intersecting arcs within the ay or accurate triangle drawn with no Total 2 mark line drawn at $y = -2$ t angle bisector with all relevant arc for all arcs and no angle bisector rrect angle bisector within the correct arcs or insufficient correct Total 2 mark or arcs that intersect within or on th lines or correct perpendicular tor without arcs.
9	(a)	B and 9 cm from A Fully bise releva Two pairs of intersecting arcs with equa	/ correct ar ector with a ant arcs she	arcs 6 cm from <i>B</i> 9 cm from <i>B</i> Correct lin ngle 2 all 2	4 and e B2 fo sh If dr gr ar th	not B2 t awn or f iidelines cs	from (B1 from overlation) B1 Correct ben B1 Correct but no but no but no but no but no but no but no but no but no but no	ecting arcs 6 cm from A and 9 cm B within the overlay or two intersecting arcs within the ay or accurate triangle drawn with no Total 2 marl line drawn at $y = -2$ t angle bisector with all relevant arc for all arcs and no angle bisector rrect angle bisector within the correct arcs or insufficient correct Total 2 marl or arcs that intersect within or on the elines or correct perpendicular