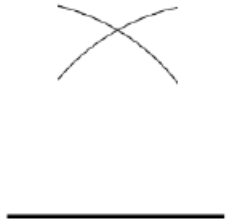
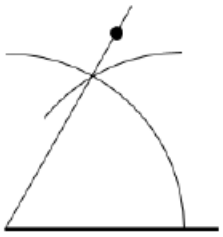
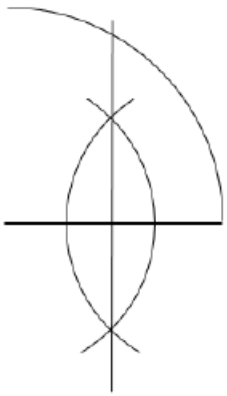
1	Side of length [7.8, 8.2] cm drawn	B1	
	Correct construction with intersecting arcs, same radius as their base ± 2 mm to identify the third vertex or correct construction with intersecting arcs, equal radii ± 2 mm, line drawn at 60° and third vertex correctly positioned or correct construction with intersecting arcs, equal radii ± 2 mm and construction arc drawn to correctly identify the third vertex	M1	 or  or 
	Triangle with equal sides [7.8, 8.2], with correct construction seen	A1ft	ft B0M1 triangle with equal sides ± 2 mm, with correct construction seen
	Additional Guidance		
	No construction arcs drawn can score a maximum of B1		

Q	Answer	Mark	Comments
2	**Alternative method 1**		
	Pair of arcs, equal radii (± 2 mm), centre *B*, intersecting *AB* and *BC*	M1	oe eg single arc, centre *B*, intersecting *AB* and *BC* or single arc, centre *B*, radius *BC* (± 2 mm), intersecting *AB*
	Pair of intersecting arcs, equal radii (± 2 mm), centres the intersections on *AB* and *BC* and angle bisector drawn from *B* at least to the intersection of their arcs	A1	dashed line or condone solid line
	Correct region R shown as the area between *AB* and a straight line from *B* to within 2 mm of *AD*	B1	R may be labelled or shaded arcs not required for this mark only SC1 angle bisector for a different angle correctly constructed with arcs
	Alternative method 2		
	Concentric arcs from *B*, each intersecting *AB* and *BC*	M1	intersections with *AB* and *BC* must be seen, but full arcs are not necessary
	Two lines from the *AB* intersection of one arc to the *BC* intersection of the other arc and angle bisector drawn from *B* at least to the intersection of their lines	A1	dashed line or condone solid line
	Correct region R shown as the area between *AB* and a straight line from *B* to within 2 mm of *AD*	B1	R may be labelled or shaded arcs not required for this mark only SC1 angle bisector for a different angle correctly constructed with arcs
	Additional Guidance		
	Mark any correct construction, ignoring incorrect attempts		
	Unless shaded incorrectly, ignore construction arcs or other lines in the region labelled		
	Bisector drawn with no construction arcs, but region correctly identified		M0A0B1