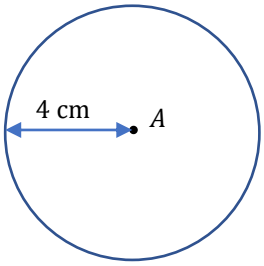
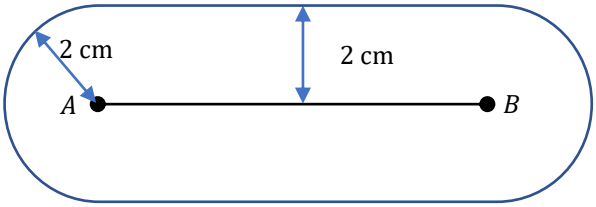
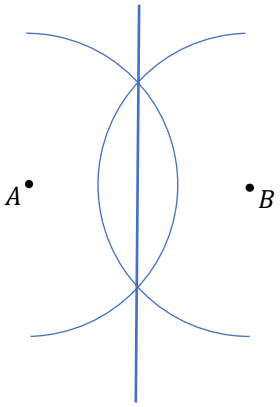
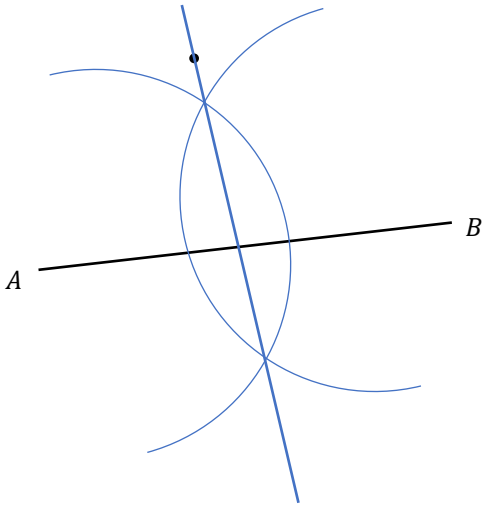
Loci & Constructions Mark Scheme		
1(a)		[1] Circle with centre A and radius of 4 cm
1(b)		[2] Semi-circles draw at A and B with radius of 2 cm and connected parallel to the line AB
2		[2] Bisector of two partial circles drawn with centres A and B, each with an equal radius larger than ½ AB and less than AB.
3		[2] Line perpendicular to AB passing through point P
4(a)	The bisector of an angle is a line segment which divides the angle into two equal parts.	[1]

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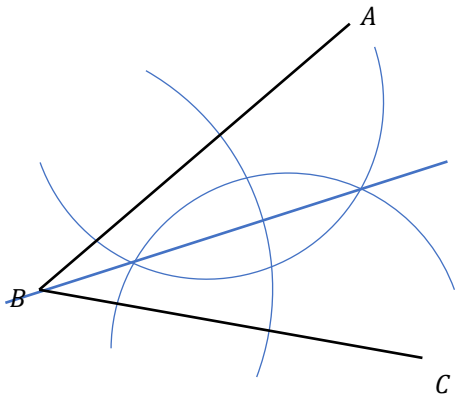
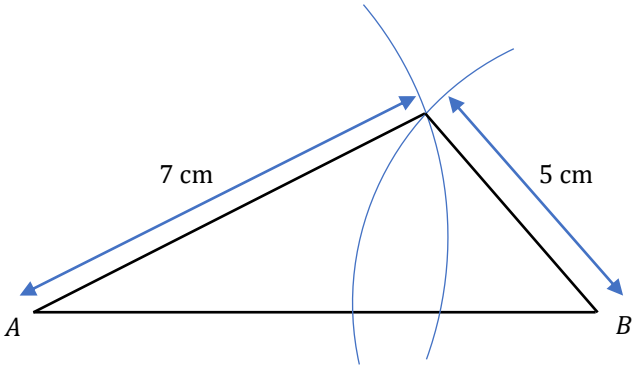
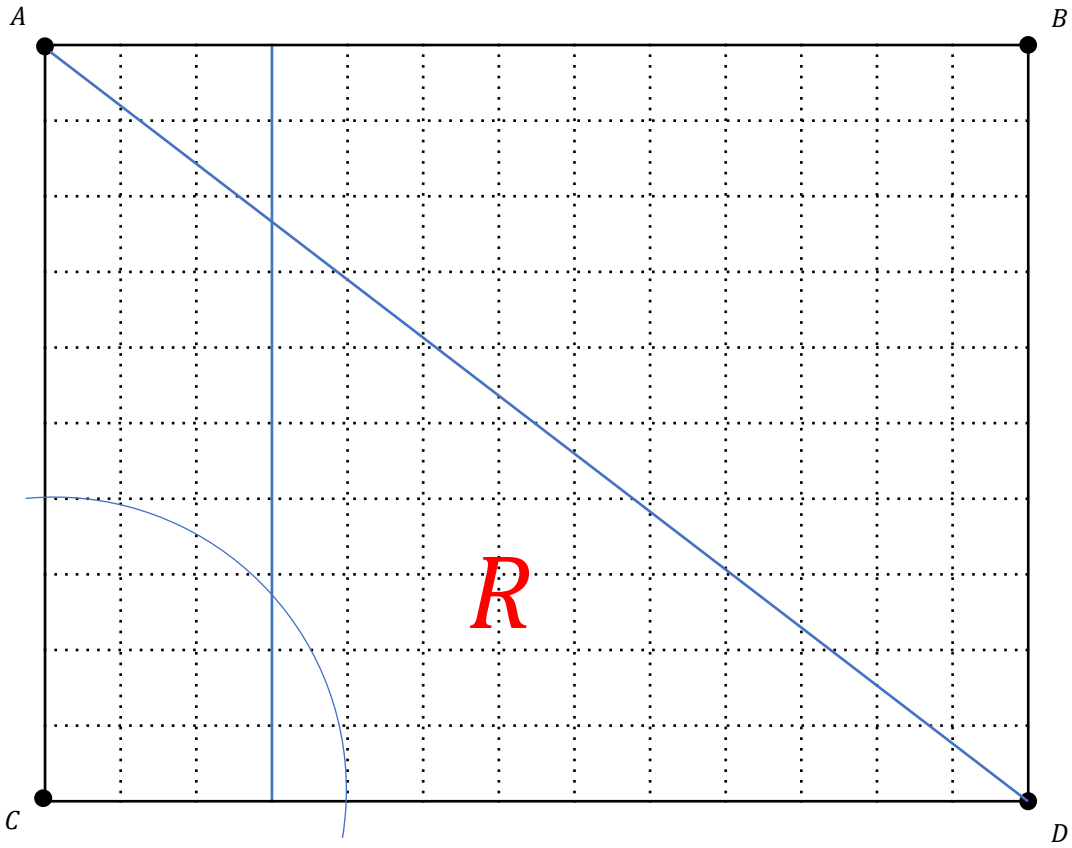
4(b)		[2] Correctly drawn angle bisector
5		[3] Interaction of two circles from point A and B with a radius of 7 cm and 5 cm respectively
6		
	Shown above	[3] Correctly identified region R

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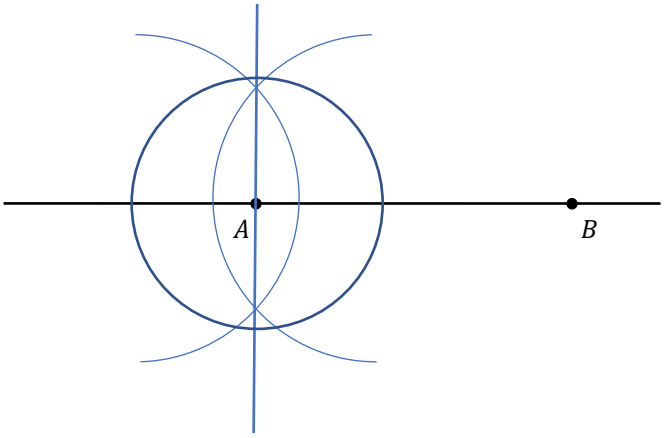
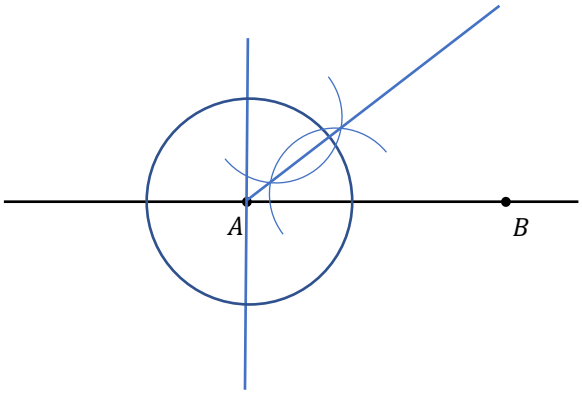
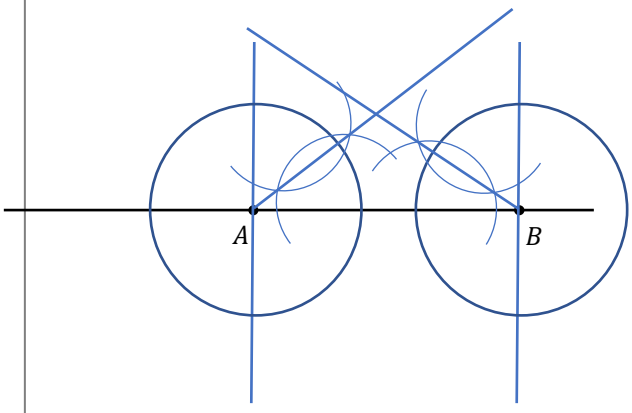
7		[1] Perpendicular line to point A (or B) with compass lines shown
		[1] Bisect the $90°$ angle formed with compass lines shown
		[1] repeat steps 1 and 2 for other side to form triangle with compass lines shown

END

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