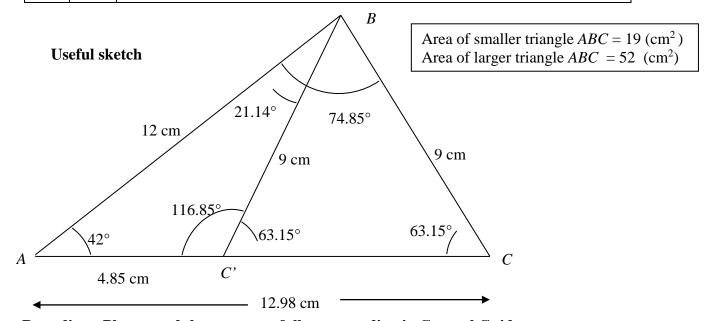
Questi		Scheme	Marks
3 (a)	$\sin C = \sin 42^{\circ}$	M1A1
		12 9	
		$C = 63.14^{\circ}$ 116.85°	A1
		$\angle ABC = 180 - ("C" + 42)$	M1A1
			[5]
(b)		$B = 180 - ("C" + 42),$ $B = 74.9^{\circ}$ 21.1° (Accept 21.2°) Area = $\frac{1}{2} \times 12 \times 9 \sin"B", = \frac{1}{2} \times 12 \times 9 \sin 21.1^{\circ}$ = 19 or 20 (cm ²)	M1,A1 (smaller angle) A1
Total 8 marks			
Notes			
(a)	M1 Uses Sine Rule either way around with correct values and achieves a value for an		
	A 1	angle in degrees. (Not just the sine of the angle)	
	A1 A1	For either C = 63.1° - 63.2° OR C = 116.8° - 116.9° For C = 63.1° - 61.2° AND C = 116.8° - 116.9°	
	M1	For $\angle ABC = 180 - ("C" + 42)$ to achieve at least one value for $\angle ABC$	7
	A1	$\angle ABC = 74.9^{\circ}$ AND 21.1° both required rounded correctly (Acc	
(b)	M1	For a correct expression for the area. They must use the appropriate angle with the correct lengths. For example; 9cm, 12 cm with their angle <i>B</i> (even if it is incorrect but identified as their angle <i>B</i>). If they do not have an angle <i>B</i> and use lengths 9 cm and 12cm, award M0. If they only have one value for angle <i>B</i> , allow this mark. isw extra attempts after a correct method seen.	
	A1	Area = 19 or 20 (cm ²) accept this for full marks even if area of 52 (cm ²)	²) is seen as
	АІ	well.) is seen as



Rounding: Please read the notes carefully on rounding in General Guidance