Question	Scheme	Marks	AOs
2	Attempts to use the correct formula $30 = \dfrac{1}{2} \times 12 \times 8 \sin(BAC)$	M1	1.1a
	$\sin(BAC) = \dfrac{5}{8}$	A1	1.1b
	angle $BAC = \arcsin\left(\dfrac{5}{8}\right) = \dots$	M1	1.1b
	$38.7°$ and $141.3°$	A1	1.1b
		(4)	
			(4 marks)
Notes:			

M1: Attempts to use the formula $\text{Area} = \dfrac{1}{2}ab\sin C$. Allow use of say θ for BAC

A1: Achieves $\sin(BAC) = \dfrac{5}{8}$ o.e. such as 0.625 Condone use of θ for BAC for example

M1: Attempts arcsin and proceeds to one angle to at least the nearest degree for their $\sin("BAC") = k$

   Allow for an attempt leading to at least one radian answer to 1 decimal place. FYI 0.675 rads

A1: Achieves awrt $38.7°$ and awrt $141.3°$

   Condone use of $\theta = 38.7°$ and $141.3°$

....
...

Methods exist in which the vertical height h of the triangle can be found.

E.g $\text{Area} = \dfrac{1}{2}bh \Rightarrow 30 = \dfrac{1}{2} \times 12 \times h \Rightarrow h = 5$

The M mark is not achieved until an attempt for $\sin("BAC")$ has been made