Question	Answer	Mark	Mark scheme	Additional guidance
18	52.5	P1	for start of process to find length of AC, eg $\frac{1}{2} \times 17 \times AC \times \sin 35 = 54$ or $(AC =)$ $54 \div (\frac{1}{2} \times 17 \times \sin 35) (= 11.076)$	Check diagram for working throughout
		P1	for start of process to find AD or CD, eg $\frac{AD}{\sin 48} = \frac{"11.076"}{\sin 57}$ oe or $\frac{AD}{\sin 48} = \frac{[AC]}{\sin 57}$ oe or $\frac{CD}{\sin "75"} = \frac{"11.076"}{\sin 57}$ oe or $\frac{CD}{\sin "75"} = \frac{[AC]}{\sin 57}$ oe	Throughout "75" = $180 - 48 - 57$ [ <i>AC</i> ] must be a numerical value and clearly identified by labelling or on the diagram with no contradiction.
		P1	for complete process to find <i>AD</i> or <i>CD</i> $(AD =) \frac{"11.076"}{\sin 57} \times \sin 48 (= 9.81) \text{ or } (AD =) \frac{[AC]}{\sin 57} \times \sin 48$ or $(CD =) \frac{"11.076"}{\sin 57} \times \sin"75" (= 12.7) \text{ or } (CD =) \frac{[AC]}{\sin 57} \times \sin"75"$	
		P1	for process to find area of triangle <i>ACD</i> , eg $\frac{1}{2}$ ×"11.076"×"12.7"×sin 48 or $\frac{1}{2}$ ×[ <i>AC</i> ]×[ <i>CD</i> ]×sin 48 or $\frac{1}{2}$ ×"11.076"×"9.81"×sin"75" or $\frac{1}{2}$ ×[ <i>AC</i> ]×[ <i>AD</i> ]×sin"75"	[AC], [AD], [CD] must be numerical values and clearly identified by labelling or on the diagram with no contradiction.
		A1	or $\frac{1}{2} \times "9.81" \times "12.7" \times \sin 57$ or $\frac{1}{2} \times [AD] \times [CD] \times \sin 57$ for answer in the range 52.4 to 52.52	If an answer is shown in the range in working and then incorrectly rounded award full marks