8	$12.6 \times 10^{(-24+145)}$ or 12.6×10^{121} or 1.26×10^{n}		2	M1
		1.26×10^{122}		A1 allow 1.3×10^{122}
				Total 2 marks

9	$17.5^2 - 14^2$ (= 110.25)		4	M1	or for use of cosine rule to find one of the angles eg $28^2 = 17.5^2 + 17.5^2 - 2 \times 17.5 \times 17.5 \times \cos A$ **or** eg $\cos B = \frac{14}{17.5}$
	$\sqrt{17.5^2 - 14^2}$ (=10.5)			M1	**or** for rearranging the cosine rule to eg $\cos A = \frac{17.5^2 + 17.5^2 - 28^2}{2 \times 17.5 \times 17.5}$ (A = 106.26...) **or** eg $B = \cos^{-1}(\frac{14}{17.5})$ (= 36.86...)
	0.5 × 28 × "10.5" oe			M1	**or** for 0.5 × 17.5 × 17.5 × sin106.26... oe eg 0.5 × 17.5 × 28 × sin36.86... [clear use of Heron's formula: M1 for S = 0.5(17.5 + 17.5 + 28)(=31.5) M2 for $\sqrt{"31.5"("31.5"-17.5)^2("31.5"-28)}$ oe]
		147		A1	accept awrt 147
					Total 4 marks