1	$\cos 35° = \frac{15}{AB}$ or $\sin 55° = \frac{15}{AB}$ or $\frac{15}{\sin 55} = \frac{JB}{\sin 35}$ **and** $(AB^2 =)("10.50")^2 + 15^2$ or $\tan 35° = \frac{JB}{15}$ **and** $(AB^2 =)("10.50")^2 + 15^2$		5	M1	oe eg x for AB
	$(AB =)\frac{15}{\cos 35°}$ (=18.3…) **or** $(AB =)\frac{15}{\sin 55°}$ (=18.3…) **or** $(AB =)\sqrt{("10.50")^2 + 15^2}$ **or** $(AB =)\sqrt{(15\tan 35)^2 + 15^2}$			M1	
	'18.3' × 4 (= 73.2)			M1	dep 1st M1
	80 – '18.3' × 4 or 80 – '73.2'			M1	dep 1st M1
		6.75		A1	accept 6.75 – 6.8
					Total 5 marks

Alternative Mark Scheme for Q1 [do not mix and match with above MS]					
1	15 × 4 (= 60)		5	M1	
	$\cos 35° = \frac{'60'}{AE}$ or $\sin 55° = \frac{'60'}{AE}$			M1	
	$(AE =)\frac{'60'}{\cos 35°}$ (= 73.2) or $(AE =)\frac{'60'}{\sin 55°}$ (= 73.2)			M1	dep 1st M1
	80 – '73.2'			M1	
		6.75		A1	accept 6.75 – 6.8
					Total 5 marks

2	180 – 2 × 66 (= 48) (360 – "48") ÷ 2 (= 156) 180 – "156" (= 24) 360 ÷ "24"		3	M1 M1ft	Could be marked on diagram Final stage of calculation
	Alt : 180 – 2 × 66 (= 48) 360 ÷ (0.5 × "48")			M1 M1ft	Could be marked on diagram Final stage of calculation
	Alt:180 – 2 × 66 (= 48) (360 – "48") ÷ 2 (= 156) $\frac{180(n-2)}{n} =$ "156" "24"n = 360 or $\frac{180(15-2)}{15}$ (= 156)			M1 M1ft	Could be marked on diagram Final stage of calculation or embedded correct answer.
		15		A1	
					Total 3 marks