14	(AOC =) 38 × 2 (= 76)		4	M1
		52		A1
				B2 (dep on M1) for all reasons relevant to their method – underlined words must be seen. angle at the centre is 2 × (double) angle at circumference / angle at circumference is ½ angle at centre angles in a triangle add to 180° **or** angles in a triangle add to 180° base angles in an isosceles triangle (are equal) If not B2 then award B1 (dep on M1) for a correct circle theorem
				Total 4 marks

15	e.g. (EF =) 12cos40 (= 9.19...) **or** (FD =) 12sin40 (= 7.71...) **and** (EF =) $\sqrt{12^2 - "7.71"^2}$ (= 9.19...)			M2 complete method to find EF (if not M2 then M1 for a correct statement involving EF e.g. $\frac{EF}{12} = \cos 40$)
	e.g. $\frac{"9.19"}{EG} = \tan 28$ or $\tan 62 = \frac{EG}{"9.19"}$ **or** $\frac{"9.19"}{FG} = \sin 28 (= 19.5...)$ **and** $"19.5"^2 - "9.19"^2 (= 298.9...)$			M1 (dep on M2) for a correct trig statement involving EG **or** complete method to find FG **and** a correct start to Pythagoras process
		17.3	4	A1 accept 17.2 – 17.3
				Total 4 marks