14	(a)		48	1	B1 allow 47 – 49 Accept $\frac{n}{110}$ where n is in the range 47 – 49
	(b)		46	1	B1 allow 45.5 – 46.5
	(c)	40 **and** 56		2	M1 for both values. LQ of 40 – 41 and UQ in the range 56 – 58. **or** for use of 15 and 45 (eg indicated by marks on horizontal axis that correspond to 15 and 45 on the vertical axis.) **or** for use of 15.25 and 45.75 (eg indicated by marks on horizontal axis that correspond to 15.25 and 45.75 on the vertical axis.
			16 to 18		A1 accept 16 to 18
	(d)		Yes and correct reason	1	B1ft dep on M1 in (c) but ft their reading of the horizontal axis. For stating yes **and** the <u>IQR</u> for the <u>Algebra</u> test is <u>greater</u> than IQR for the Geometry test oe If using value in (c) less than 9, only accept 'no' and <u>IQR</u> for the <u>Algebra</u> test is <u>less</u> than the IQR for the Geometry test oe.
	(e)	60 – '50' (= 10)		3	M1 may be seen embedded as $\frac{10}{60}$ $(=\frac{1}{6})$ oe (eg reading of 50 from graph stated or indicated by marks on vertical axis that correspond to 64 on the horizontal axis). Allow 60 – '50' – 1 (= 9) oe
		$\frac{'10'}{60}\times\frac{'10'-1}{59}$			M1 for use of $\frac{n}{60}\times\frac{n-1}{59}$ with any integer n such that $2 \le n \le 59$
			$\frac{3}{118}$		A1 oe (accept 0.025 or better) Allow $\frac{6}{295}$ (= 0.02 or better) if using $\frac{9}{60}\times\frac{8}{59}$
					Total 8 marks