Question	Working	Answer	Mark	Notes
9 (a)		3, 19, 43, 53, 58, 60	1	B1
(b)			M1	ft from (a) if only one addition error for at least 4 points plotted correctly at end of interval **or** for all 6 points plotted consistently within each interval in the frequency table at the correct height (Eg. using values of 5, 15, 25 etc on *x* axis)
		correct cf graph	2	A1 accept curve or line segments accept curve which is not joined to (0,0)
(c)	15 and 45 indicated on the cumulative frequency axis and readings taken from speed axis		M1	ft from a cf graph for a correct method to find LQ and UQ and intention to subtract Eg for a correct reading from 45/45.75 and 15/15.25 from vertical axis to find LQ and UQ **and** an intention to subtract
		13 – 15	2	A1 accept 13 – 15 ft from a cf graph

Question	Working	Answer	Mark	Notes
	Working with *CD* and then triangle *ABD*			
10	E.g. $\tan 20 = \frac{CD}{13}$			M1 for a correct statement or equation including *CD* as the only variable E.g. $CD^2 = \left(\frac{13}{\cos 20}\right)^2 - 13^2$
	E.g. (*CD* =) 13tan20 **or** 4.7(316...)			M1 for a correct method to find *CD* E.g. $\sqrt{\left(\frac{13}{\cos 20}\right)^2 - 13^2}$
	E.g. tan(*BAD*) = $\frac{8 + "4.73"}{13}$ **or** tan(*BAD*) = 0.97(93...)			M1 for a correct statement or equation including angle *BAD* as the only variable
	E.g. (BAD =) $\tan^{-1}("0.979")$ **or** 44.4(024...)			M1 for a correct method to find angle *BAD*
		24.4	5	A1 for 24.3 - 24.41 Award M1A1M1M1A0 for an answer in the range 44.3 – 44.41