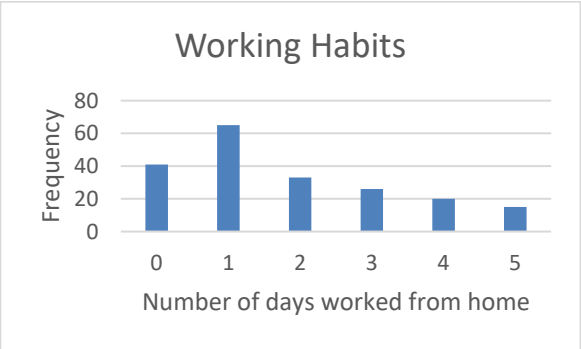


5	(a)		 <p>Working Habits</p> <p>Frequency</p> <p>Number of days worked from home</p>	M1	1.1a	bar line graph (accept one bar/line missing or 1 height incorrect)	Bars with no spaces, label in middle of bar, Crosses with vertical lines Pie chart Coordinates plotted but not joined not acceptable
				A1	1.1	Shape of heights correct and axes labelled reasonably and complete	
				[2]			
5	(b)		$\bar{x} = 1.82$ $sd = 1.526$ to 1.53	B1	1.1	BC	
				B1	1.1	BC Accept 1.5224/1.52	
				[2]			
5	(c)		No evidence to suggest one or both samples flawed, as different random samples may lead to different results	B1	2.4	oe Different samples of workers lead to different results so no	
				[1]			
5	(d)		Ali's conclusion is incorrect. 120 workers aged 60 or less worked from home, and this is about 75% of 159, not 90%.	B1	1.2	Oe compare 144 with 120 and reason Incorrect as 90% is less than 63 years $40/160 = 25\%$ greater than 60	
				[1]			