1		Error identified	C1	error correctly identified **Acceptable examples** bar for brown is too high 16 should be 15 brown needs to be one less brown is wrong the graph does not match the table **Not acceptable examples** no title the gaps between the bars are wrong	

2	(a)	Completed bar chart	B2 (B1	for a fully correct bar chart for one bar correct eg May plotted at 35 **or** June plotted at 20 **OR** May plotted at 20 **and** June plotted at 35)	Condone bars of unequal width Condone no gaps or inconsistent gaps
	(b)	Explanation	C1	**Acceptable examples** Half a square is worth 2.5 (not 0.5) It goes to 17.5 Halfway between 15 and 20 is not 15.5 It is between 17 and 18 It could/would be 17 or 18 It goes up in 5s (not 1s) **Not acceptable examples** The bar is in the middle It could/would be 16 (or 19 or 15.6) You can't have half a cm of rain The answer would be a whole number	

3	(a)	60	B1	cao	May be seen on diagram
	(b)	50	B1	cao	May be seen on diagram
	(c)	80 : 200	P1	for process to **use** the number of children, 80 or the total number of men and women, 200 in a ratio **or** for $\frac{80}{200}$	
			A1	for 80 : 200 oe	Award for a correct ratio even if subsequently incorrectly simplified.

4	Chart	B1	for correct day labels or a linear scale	Accept key in place of labels
		M1	for correct bars showing information for at least 3 days	Condone bars of varying widths Condone no gaps or inconsistent gaps
		A1	for a fully correct bar chart	Labels of Day and Frequency not essential

5	Comments	C1	makes some comment about the labels **Acceptable examples** states what labels should be (not angles) labels are missing The label in the table does not match the label with the pie chart **Not acceptable examples** angles not marked on the pie chart	
		C1	comments about the inaccuracy of the angles in the pie chart **Acceptable examples** pie chart is not accurate / should be 108, 126,126 angles drawn inaccurately They haven't converted the number of potatoes to angles Need to scale the numbers in the table **Not acceptable examples** pie chart is wrong/ sectors are the wrong size (the angles) do not add up to 360	

6	(c)	Bar chart	B1	for correct person labels or a linear scale	Accept key in place of labels Accept unambiguous abbreviations eg Frequency or Number, X,M,K,T
			M1	for correct bars showing information for at least 2 people	Condone bars of varying widths Condone no gaps or inconsistent gaps
			A1	for a fully correct bar chart with linear scale of numbers on the vertical axis and a set of person labels on the horizontal axis	

7	(a)	Merit	B1	cao	
	(b)	24	M1	for beginning to work with proportion eg 105 ÷ 7 (= 15) or 7 ÷ 105 (= 0.07 or 0.06....) or 360 × 7 (= 2520) **or** $\frac{360}{105}$ (= 3.4…) **or** works out a quantity for one sector eg $\frac{7}{105}\times 30$ (= 2), $\frac{7}{105}\times 75$ (= 5), $\frac{7}{105}\times 150$ (= 10),	
			M1	for a complete method eg $\frac{360}{105}\times 7$ oe or "3.4…" × 7 **or** 360 ÷ "15" or 360 × "0.06.." **or** "2520" ÷ 105 **or** 7 + "2" + "5" + "10"	
			A1	cao	