

Bar Chart Solutions														
1(a)	30 hours for the cleaner	[1]												
	<table border="1"> <caption>Data for Bar Chart 1(a)</caption> <thead> <tr> <th>Role</th> <th>Hours</th> </tr> </thead> <tbody> <tr> <td>Manager</td> <td>35</td> </tr> <tr> <td>IT Technician</td> <td>15</td> </tr> <tr> <td>Admin</td> <td>30</td> </tr> <tr> <td>Cleaner</td> <td>30</td> </tr> <tr> <td>Data Entry</td> <td>25</td> </tr> </tbody> </table>		Role	Hours	Manager	35	IT Technician	15	Admin	30	Cleaner	30	Data Entry	25
Role	Hours													
Manager	35													
IT Technician	15													
Admin	30													
Cleaner	30													
Data Entry	25													
	Correctly drawn graph. Shown above	[1]												
1(b)	$35 - 15 = 20$	[1]												
2	Mint is incorrect, Strawberry is incorrect	[1]												
	Mint should be 22, strawberry should be 25	[1]												
3(a)	<table border="1"> <caption>Data for Bar Chart 3(a)</caption> <thead> <tr> <th>Children in family</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>16</td> </tr> <tr> <td>2</td> <td>22</td> </tr> <tr> <td>3</td> <td>36</td> </tr> <tr> <td>4</td> <td>20</td> </tr> <tr> <td>5</td> <td>7</td> </tr> </tbody> </table>		Children in family	Frequency	1	16	2	22	3	36	4	20	5	7
Children in family	Frequency													
1	16													
2	22													
3	36													
4	20													
5	7													
	Appropriate title – Number of Children in a Family, for example	[1]												
	Appropriate axis labels, 1,2,3,4,5	[1]												
	Bars are accurately drawn	[1]												

Turn over ►

3(b)	Total respondents were 100. 19 people responded with 4 children.	[1] Correct working										
	$\frac{19}{100} = 19\%$	[1] Final answer										
4	16 do not exercise: 8 exercise for three hours	[1] This could be substituted with just 16:8										
	2:1	[1] Correct answer										
5(a)	Distances People Travel to get to the City Centre	[1] This is an example, anything with a similar meaning is suitable.										
5(b)	<table border="1"> <thead> <tr> <th>Distance travelled (km)</th> <th>Number or people</th> </tr> </thead> <tbody> <tr> <td>0 - 1 km</td> <td>16</td> </tr> <tr> <td>1.1 – 2 km</td> <td>19</td> </tr> <tr> <td>2.1 - 3 km</td> <td>9</td> </tr> <tr> <td>3.1 – 4 km</td> <td>5</td> </tr> </tbody> </table>	Distance travelled (km)	Number or people	0 - 1 km	16	1.1 – 2 km	19	2.1 - 3 km	9	3.1 – 4 km	5	[1] Awareness of scale for values
	Distance travelled (km)	Number or people										
	0 - 1 km	16										
	1.1 – 2 km	19										
	2.1 - 3 km	9										
3.1 – 4 km	5											
		[1] correct values when either column given										
		[1] correct vales when no data provided										
6(a)	None of the above is 47 students	[1]										
6(b)	suitable title and labels	[1]										
	Awareness of scale for values	[1]										
	accuracy with bars	[1]										
	awareness that 90 is on the graph	[1]										
6(c)	$72 + 85 = 157$	[1]										
	$157 \div 400 = 0.3925$	[1]										
	$0.3925 = 39.25\%$	[1] Calculation of percentage										
6(d)	$49 + 57 = 106$ $400 - 72 = 328$	[1]										
	106:328	[1]										
	53:164	[1]										

END