

SO13 Data Collection

①

Sport	Tally	Frequency
Basketball		5

⑩ 15

⑪ 6

②

Method of transport	Tally	Frequency
Bus		

⑫ 48 / 49

⑬ i) 250

ii) population has not changed

③

Weight, W	Tally	Frequency
$100 < W < 110$		

⑭

400,
population has not changed

④

£1		3
50p		0
20p		6
10p		3
5p		2
2p		0
1p		2

⑤

a) car		6
bus		7
walk		4
bike		3

b) bus

⑥ i) 65
ii) sample is representative i.e. no bias / randomly sampled

⑦ i) 238
ii) sample is representative

⑧ a) i) each member of population has an equal chance of being selected
ii) random number generator key

b) 21

⑨ 7