

Worksheet 5: Making appropriate choices answers

1

	Ranking	Explanation
Least suitable	field experiment	The aim is to find a relationship not casual effect.
↓	self-report	The variable of enjoyment of activity could be measured using a self-report, but this is not suitable for measuring time spent asleep.
	correlational study	This aim is correlational: Esme will measure the relationship between two variables.
Most suitable		

2

	Ranking	Explanation
Least suitable	write a descriptive account of her enjoyment	This will produce qualitative data which cannot be used to investigate a correlational aim.
↓	record the amount of activity she undertakes that day in minutes	This will produce quantitative data, but there could be variables other than enjoyment affecting time spent exercising.
	rate the enjoyment on a scale 1(did not enjoy at all) to 5 (enjoyed very much)	This will produce quantitative data and is a direct measure of the variable Esme wants to investigate.
Most suitable		

3

	Ranking	Explanation
Least suitable	Bar chart/histogram	These charts are unsuitable for correlational data.
↓	Scatter graph	This is the correct graph used to show the relationship between the two variables.
Most suitable		