Worksheet 5: Making appropriate choices

Based on the scenario, rank the options in terms of their suitability.

> Esme has noticed that the length of time she sleeps for at night is related to how much she enjoys being active the next day. Esme aims to measure this relationship.

1 Rank the following research methods, based on how suitable they might be for Esme to investigate her aim.

- correlational study
- field experiment
- self-report

Ranking	Explanation
Least suitable	
↓	
Most suitable	

2 Rank the following data collection methods, based on how suitable they might be for Esme to operationalise her variable of 'enjoyment of activity'.

- write a descriptive account of her enjoyment
- rate the enjoyment on a scale 1 (did not enjoy at all) to 5 (enjoyed very much)
- record the amount of activity she undertakes that day in minutes

Ranking	Explanation
Least suitable	
↓	
Most suitable	

3 Rank the following graphs, based on how suitable they might be for Esme to analyse her data.

- bar chart
- histogram
- scatter graph

Ranking		Explanation
Least suitable		
↓		
Most suitable		