

## Stuff you must know for experiments

- Identify two general strengths and two weaknesses of experiments
- Describe one strength and one weakness of laboratory experiments
- Describe one strength and one weakness of field experiments
- Identify and describe an independent measures design
- Know one strength and one weakness of an independent measures design
- Identify and describe a repeated measures design
- Know one strength and one weakness of an independent measures design
- Describe a procedure for an experiment
- Write a one-tailed experimental hypothesis
- Write a one-tailed experimental hypothesis
- Write a null hypothesis for an experiment
- Identify the independent and dependent variables in an experiment
- Suggest how independent and dependent variables can be operationalised
- Know how to calculate a mean, median and mode
- Identify one reason why the mean is a useful measure of central tendency
- Identify one reason why the median is a useful measure of central tendency
- Identify one reason why the mode is a useful measure of central tendency
- Sketch an appropriate and labelled bar chart of the mode, median or mean
- Draw conclusions from a table
- Draw conclusions from a bar chart
- Describe three ethical issues relating to self report techniques