

## Worksheet 7: Understanding variables

For each type of variable, decide whether the statement is true or false.

### 1 Independent variables

	True	False
Researchers manipulate an independent variable.		
A hypothesis outlines only the independent variable in a study.		
There can be more than one independent variable in an experiment.		
An independent variable cannot be operationalised.		

### 2 Dependent variables

	True	False
Researchers measure a dependent variable.		
Dependent variables can use self-report.		
Correlations have dependent variables.		
Dependent variable data is typically plotted on the y axis of a bar chart.		

### 3 Controlling variables

	True	False
Participant variables are things in the environment which affect the DV.		
Controlling variables improve validity.		
Pilot studies can identify uncontrolled variables.		
The location of a study is an example of a situational variable.		