Sway

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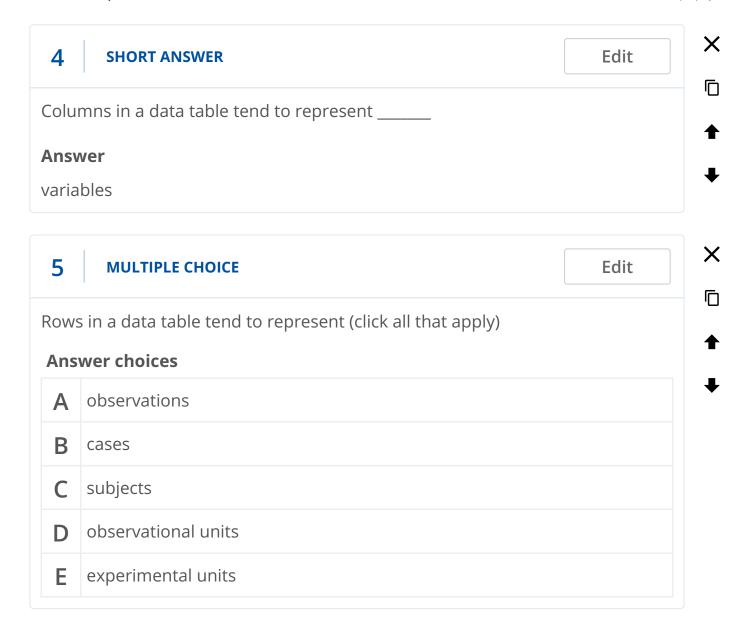## Edit Quiz   Save and Exit

Quiz name

Weekly quiz 1 (DUE: Fri Aug 4, 10 am)

| 1 | **MULTIPLE CHOICE** | Edit |

Statistics is the study of (select as many as you want)

Answer choices

A	how best to collect data
B	analyse data
C	draw conclusions from data
D	none of these

2 | MULTIPLE CHOICE   Edit

Of 300 patients in the treatment group, 65 had a stroke by the end of the first year. What is the proportion of patients in the treatment group who had a stroke in the first year? (Choose 1)

Answer choices

A	0.22
B	22%
C	0.78
D	78%
E	None of these

3 | MULTIPLE CHOICE   Edit

A common way to organise data in statistics is a data _____ (check all that apply)

Answer choices

A	table
B	matrix
C	booth
D	set

4 | SHORT ANSWER   Edit

Columns in a data table tend to represent _____

Answer

variables

5 | MULTIPLE CHOICE   Edit

Rows in a data table tend to represent (click all that apply)

Answer choices

A	observations
B	cases
C	subjects
D	observational units
E	experimental units

6 | MULTIPLE CHOICE   Edit

Data were collected about students in a statistics course. Three variables were collected: number of siblings, height (in cms), and whether or not they had previously taken a statistics course. Which is these variables is categorical? (Choose one)

Answer choices

A	All of them
B	number of siblings
C	height
D	whether or not they had previously taken a statistics course
E	None of them
F	number of siblings and height

7 | SHORT ANSWER   Edit

Each research question refers to a target _____

Answer

population

8 | SHORT ANSWER   Edit

A _____ represents a subset of the cases and is typically a small fraction of the population.

Answer

sample

9 | TRUE/FALSE

Edit

Association does not imply causation

Answer

True

10 | SHORT ANSWER

Edit

Researchers perform an _____ study when they collect data in a way that does not interfere directly with how the data arise.

Answer

observational

11 | SHORT ANSWER

Edit

When researchers want to investigate the possibility of a causal connection, they conduct an _____

Answer

experiment

12 | SHORT ANSWER

Edit

In a randomised experiment, individuals are _____ assigned to a group.

Answer

randomly

13 | SHORT ANSWER   Edit

In a simple random sample each member of the population has an _____ chance of being included in the final sample.

Answer

equal

14 | MULTIPLE CHOICE   Edit

The four principles of experimental design are (choose all that apply)

Answer choices

A	control
B	randomisation
C	replication
D	blocking
E	bias
F	probability
G	confounding

15 | MULTIPLE CHOICE

Edit

An experimental setup where the staff who interact with the subjects are, just like the subjects, unaware of who is receiving a treatment or not is called

Answer choices

A	double-blind
B	blind
C	placebo effect
D	aware
E	single-blind

\+ Multiple Choice   \+ True/False   \+ Short Answer