

#4 What is the difference between hypothesis and theory? Give example

A hypothesis (plural hypotheses) is a precise, testable statement of what the researchers predict will be the outcome of the study.

Psychological theories are systems of ideas that can explain certain aspects of human thoughts, behaviors and emotions. Psychology researchers create these theories to make predictions for future human behaviors or events that may take place if certain behaviors exist.

I'll discuss the distinctions between theory and hypothesis and provide an example in the paragraphs that follow.

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A hypothesis example

A simple hypothesis implies only the existence of a relationship between two variables: one independent and one dependent. For example, if you stay up late, you will be tired the next day.

Turning off your phone allows it to charge more quickly.

Albert Einstein's general relativity theory, which describes the law of gravitation and its relationship to other natural forces, is an example of a theory. When people discover the results of an experiment, they form a theory.