

Hypothesis

Is considered to be a tentative, testable statement showing cause and effect.

Answers the question “What if?”

- usually “if...then...”
 - “If A happens then B must happen”.
- Proven hypothesis can become theory or law.

Theory

A theory is an explanation for why certain laws and facts exist.

Answers the questions “Why?” or “How?”

- is backed up by facts, evidence and observations.
- is NOT a guess.
- NEVER becomes a law.

Law

A logical relationship between two or more things based on a variety of facts and proven hypothesis.

Answers the question “What?”

- Law of Gravity says that if you let go of something it'll fall. (answers the question, “what is gravity”?)