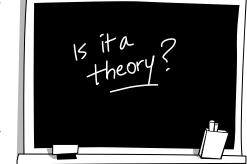
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Physical Science and Nature of Science Assessment Probes



Is It a Theory?

Put an X next to the statements you think best apply to scientific theories.



- **A** Theories include observations.
- **B** Theories are "hunches" scientists have.
- **_C** Theories can include personal beliefs or opinions.
- _ **D** Theories have been tested many times.
- **E** Theories are incomplete, temporary ideas.
- **F** A theory never changes.
- **G** Theories are inferred explanations, strongly supported by evidence.
- **H** A scientific law has been proven and a theory has not.
- _I Theories are used to make predictions.
- __ **J** Laws are more important to science than theories.

Examine the statements you checked off. Describe what a theory in science means to you.