

Type "T" for true or "F" for false for each statement.

## Scientific Methods

- A hypothesis is a statement that can be tested.
- Theories attempt to explain why a particular thing happens.
- Scientific laws explain why something happens.
- An independent variable is a factor that is changed in an experiment.
- A dependent variable is a factor that stays the same in an experiment.
- A constant is the factor being measured in an experiment.
- A control is a standard used to make comparisons.
- An inference is a conclusion that is based on observations.