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.