

Name: _____
Date: _____

Variables: Independent, Dependent & Controlled *Guided Notes*

Independent Variables

- ✓ The variable that is _____ (_____).
- ✓ It is the thing that someone _____.
- ✓ The independent variable is the presumed _____.
- ✓ A good experiment has only _____ independent variable.
- ✓ What did I change?

Dependent Variables

- ✓ The dependent variable is the _____ that is _____.
- ✓ It is the presumed _____.
- ✓ It _____ as a _____ of the independent variable.
- ✓ What am I observing?

Controlled Variables

✓ _____ that a scientist wants to remain _____.

✓ They are constant as to _____ affect the _____ of the dependent variable.

✓ Most experiments have _____ controlled variable.

✓ What did I keep the same?

Practice

Question	Independent Variable (What I change)	Dependent Variables (What I observe)	Controlled Variables (What I keep the same)
Does heating a cup of water allow it to dissolve more sugar?			

Question	Independent Variable (What I change)	Dependent Variables (What I observe)	Controlled Variables (What I keep the same)
Does fertilizer make a plant grow bigger?			