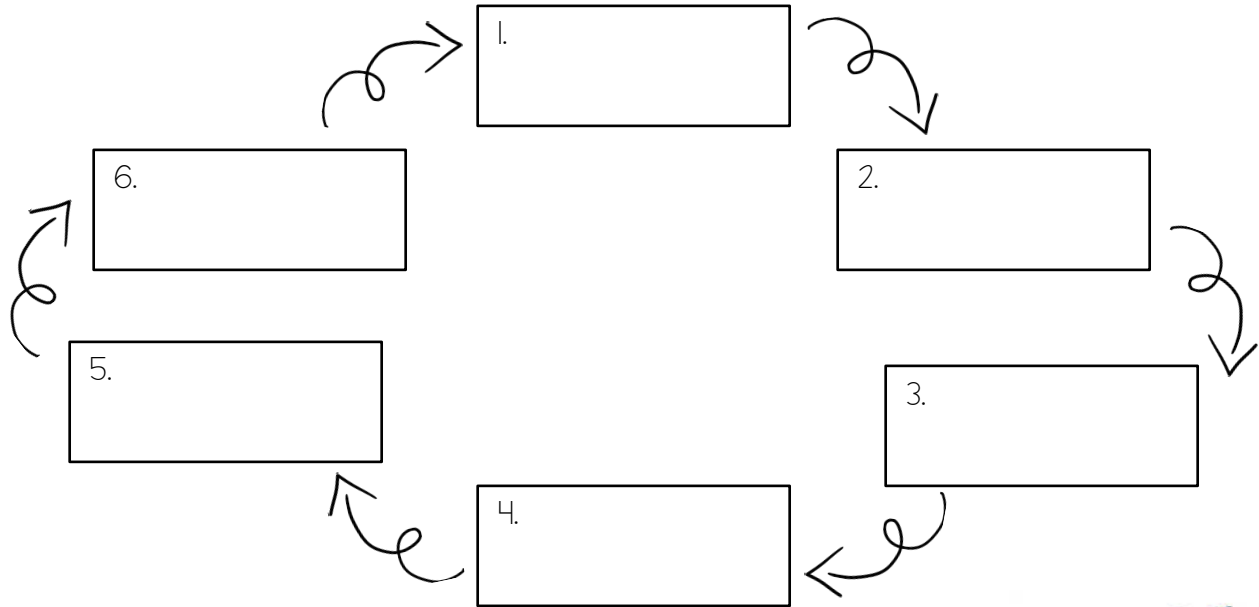Name: _____ Period: _____

HYPOTHESES & IDENTIFYING VARIABLES

1.

2.

3.

4.

5.

6.

Scientific Observations

Two Types:

1. _____   Examples:

2. _____   Examples:

Scientific Hypotheses

A hypothesis is an _____ _____ _____ statement.

A hypothesis should lead to an _____!

Example of a hypothesis
Question: How does the type of paper affect how long a paper airplane flies?

If _____,

then _____

because _____.

Variables of an Experiment

Definitions:

Variable

Independent Variable

**Important! → _____!

Dependent Variable

Controlled Variables

Variable Examples from Example Hypothesis:

Independent Variable: _____

Dependent Variable: _____

Controlled Variables: _____