WHAT IS PSYCHOLOGY & WHAT DOES A PSYCHOLOGIST DO?

What is psychology? ____________________________________________________________

What does a psychologist do? __________________________________________________

Psychology is the __________________________ study of ____________________________

and __________________________.

Breaking Down the Definition of Psychology

1. __________________
   - Systematic, empirical (through __________________________, not speculation).
2. ________________
   - Overt actions (__________________________________________)
   - What people do.

3. ________________
   - Operations of the mind (____________________________________)

THE SCIENTIFIC METHOD

1. 

2. 

3. 

4. 

5. 

Homework Assignment 1: __________________________________________

Homework Assignment 2: __________________________________________

Homework Assignment 3: __________________________________________
Scientific Terminology

- ________________________: anything that can change
- ________________________: explains observations
- ________________________: prediction from a theory
- **Operational definitions**: how will concepts be ____________________________

CORRELATIONAL RESEARCH

- **Correlation**: statistic that indicates whether two variables change together in a systematic way (___________________________)
  - **Direction**
    - (+) positive correlation
  - (-) negative correlation
  - **Size**
    - 0.0 =
    - +1.0 =
    - -1.0 =
• Things to Remember About Correlational Research
  
  o **Third variable:**

  o ____________________________ may not equal __________________________.

EXPLAINING BEHAVIOR (__________________________________________ RESEARCH)

• **Experimental research:** *actively manipulating one variable (the __________________________ to observe its effects on another variable (the __________________________).*

• **Random Assignment:** ____________________________________________
  ________________________________________________________________

• Problem 1:
  
  o ________________________: *does what happens in the lab happen in “the real world?”*

• Problem 2:
  
  o __________________________
    
    ▪ *Effect of researcher expectations on the outcome of an experiment*
  
  o __________________________
Effect of participant expectations on their behavior

- Double-blind study: neither nor know who gets control versus placebo.

Internal validity: 

Homework Assignment 4: 

Homework Assignment 5: 