Thinking About Concepts, Research Questions, Variables, and Hypotheses

1. Which of these two terms is **broader**? (circle one): a. Political Behavior b. Voting

   How would you show that relationship on the diagram below?

   ![Diagram](image)

2. Which of these two terms is **narrower**? (circle one): a. Family Relations b. Parent Child Relations

3. Divide the following nine words into three groups that are related by concept:

<table>
<thead>
<tr>
<th>Social Status</th>
<th>Panic Attacks</th>
<th>Customs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schizophrenia</td>
<td>Folklore</td>
<td>Income</td>
</tr>
<tr>
<td>Wealth</td>
<td>Traditions</td>
<td>Bipolar Disorder</td>
</tr>
</tbody>
</table>

   Group 1: 1. __________ 2. __________ 3. __________
   Group 2: 1. __________ 2. __________ 3. __________
   Group 3: 1. __________ 2. __________ 3. __________

4. Can you come up with a **broader term/phrase** that could describe all three words in each list above?

   Concept 1: __________  Concept 2: __________  Concept 3: __________
5. List three **key concepts (words or phrases)** found in the following research question: “Do a person’s attitudes about homosexuality differ based upon his or her ethnic background?”

   a. ____________________________
   
   b. ____________________________
   
   c. ____________________________

6. Read the following research hypothesis: “A person’s **mental health** is related to the **degree or quality of his or her social connectedness**.”

   Which of the two variables in bold is **dependent**? ________________________________

   Why? __________________________________________________________________________

   Now let’s think in more depth about our two variables from question 6:

<table>
<thead>
<tr>
<th>VARIABLE 1:</th>
<th>VARIABLE 2:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mental health</td>
<td>Social connectedness</td>
</tr>
</tbody>
</table>

   **List at least three KEYWORDS/SYNONYMS:**

   a. 
   b. 
   c. 

   **List at least three KEYWORDS/SYNONYMS :**

   a. 
   b. 
   c. 

   **Write three questions you could ask on a survey to measure this variable:**

   a. 
   b. 
   c. 

   **Write three questions you could ask on a survey to measure this variable:**

   a. 
   b. 
   c.