Unit 1 Guided Practice: Scientific Method Research

**Part 1:**

Read the article and answer the following questions in complete sentences.

1. What is the problem being investigated? Manifesting a different person in roleplay.
2. Describe the experiment in your own words. Talking to a person in and out of a role that they choose.
3. Briefly provide the background information the researchers may have used to develop a testable hypothesis. Kids or persons with a traumatic incident in their life.
4. What is the **independent variable** in the study/experiment (what is the factor that was different between the control group and test group)? What was the **dependent variable** in the study/experiment (what did researchers measure a change in)? IV: Talking in a role of some type. DV: Behavior in the role.

**Part 2:**

Complete the following table after answering questions #1-4.

**Research Step Application to this Problem**

|  |  |
| --- | --- |
| Observation | Change in attitude and manor in role |
| Defining the Problem | Define what the issue is. |
| Forming a Hypothesis | From hypothesis with if then statement. |
| Testing the Hypothesis | Testing roles for persons. |
|  |  |
| Observing and Recording Results | Record if there was a change or not in demeanor |
| Drawing Conclusions | Make a conclusion based of the results. |
| Reporting Results | Report results to like minded persons. |