**Unit 2 Assignment**

Name:

**Matching Research Methods**

Please use the dropdown menu to match the correct term to each definition:

| Definition | Term |
| --- | --- |
| Focus on one person or just a few individuals to gain a deep understanding. This approach is helpful for rare or unique cases and questions can be formed more clinically with less standardization. | Choose an item. |
| To gain information by simply observing behaviors in their natural context. It is important for the observer to be inconspicuous and unobtrusive. | **Choose an item.** |
| Lists of questions to be answered by research participants, and can be delivered as paper-and-pencil questionnaires, administered electronically, or conducted verbally. Generally, it can be completed in a short time, and its ease makes it possible to collect data from a large number of people. | **Choose an item.** |
| Using existing records to answer various research questions. This type of research relies on looking at past records or data sets to look for interesting patterns or relationships. | **Choose an item.** |
| This method studies relationships between two or more variables, but this does not necessarily imply cause and effect. When two variables are appear to have a relationship, it simply means that as one variable changes, so does the other. | **Choose an item.** |
| This is the only way to establish that there is a cause-and-effect relationship between two variables. It requires at least two groups, the manipulation of at least one variable, and randomization of subjects. | **Choose an item.** |

What topic would you like to know more about concerning a behavior that you witness in yourself or others?

**Steps of the Scientific Method**

Please complete the table below, replacing your own responses to replace the three cells with red font only. The content for the last two steps is informational only.

| Step | Reponses |
| --- | --- |
| Theory | This step involves creating a set of assumptions meant to explain and predict behavior. What is your research question? |
| Hypothesis | What results do you expect to get? |
| Research Method | Identify the research method best suited to study the behavior. Include how you plan to use that method to collect data. |
| Observation | This step is where you would analyze your data. |
| Summarize Data and Report Findings | Did your research confirm the theory or does the theory need to be modified? |

What ethical issues might come up with your research idea?