

1. What is your name?
2. The following definition and note appear on our agenda for Meeting #9; in light of the definition, write a paragraph that explains why you agree with the note or why you disagree with the note:

#### Measurements

Definition for *measurement*: A measurement is a process by which data or information are collected via empirical observations.

Note: A measurement is an objective process focusing on a quantitative variable.

---

Sample explanation: The note is true because the definition for measurement indicates that when one measures she employs empirical observations and records them. Although one might interpret the resulting data in light of her own opinions, the measurement process ends before such opinions influence the experiment. The experimenter's opinions should influence the assessment but not the measurement results.

---

3. The following definition and note appear on our agenda for Meeting #9; in light of the definition, write a paragraph that explains why you agree with the note or why you disagree with the note:

#### Assessments

Definition for *assessment*: An assessment is a judgment or evaluation drawn from inferences that extend beyond what has been empirically observed.

Note: An assessment is a subjective process focusing on a qualitative variable.

---

Sample explanation: The note is true because the definition for assessment indicates that an assessment is influenced not only by the data but also by how the experimenter is influenced by that data as well as how she might be influenced by other data. Keep in mind that qualitative variables (e.g., how well a group of students understands linear algebra) are addressed by the assessment but only quantitative variables (e.g., the magnitudes of the mean and standard deviation) result from measurements.

---

4. Smile.

