

Guided Reading Activity

2-1

networks**Psychological Research Methods and Statistics****Lesson 1** *What Is Research?***Review Questions: Identifying Supporting Details**

Directions: Read each main idea. Use your textbook to supply the details that support or explain each main idea.

Main Idea A: Because psychologists cannot study every member of a social group, they select a sample of the group to study and then generalize to the group as a whole.

1. **Detail:** A(n) _____ sample of a group is one that includes all the different types of people that are members of that group.
2. **Detail:** A large number of people that is not typical of the members of a group is a(n) _____ sample.
3. **Detail:** A(n) _____ sample consists of choosing people by chance, like drawing names from a hat.
4. **Detail:** A sample of a group that consists of deliberately selected members of various types of subgroups is a(n) _____ sample.

Main Idea B: Psychologists use a variety of methods to maximize the validity and accuracy of their research, depending on what they are studying.

1. **Detail:** A(n) _____ study focuses in depth on a small number of subjects, while a(n) _____ study examines a large number of subjects for a limited purpose.
2. **Detail:** _____ refers to studying the behavior of people or animals without being seen.
3. **Detail:** A survey is a common method of gathering data that often consists of _____ and _____.
4. **Detail:** A(n) _____ study looks at the same group of people over a period of time, while a(n) _____ study looks at people in different age groups simultaneously.
5. **Detail:** If the more A increases the more B increases, they have a(n) _____ correlation; if the more A increases the more B decreases, they have a(n) _____ correlation.
6. **Detail:** A(n) _____ variable is one that an experimenter changes to observe its effect on subjects; a(n) _____ variable is one that an experimenter does not change, but changes as a result of the effect of the other variable.
7. **Detail:** In a psychological study, members of the _____ group are exposed to changes but members of the _____ group are not.

Guided Reading Activity *cont.*

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8. **Detail:** Ethical standards for the conduct of psychological tests have been set by the _____.
9. **Detail:** To start a new research project on subjects, a psychologist must obtain _____ from an ethics committee.

Summary and Reflection

Directions: Summarize the main ideas of this lesson by answering the questions below.

How have different research methods that have been developed increased the accuracy of tests?

How have they decreased the possibility of reaching false conclusions or influencing the results?
