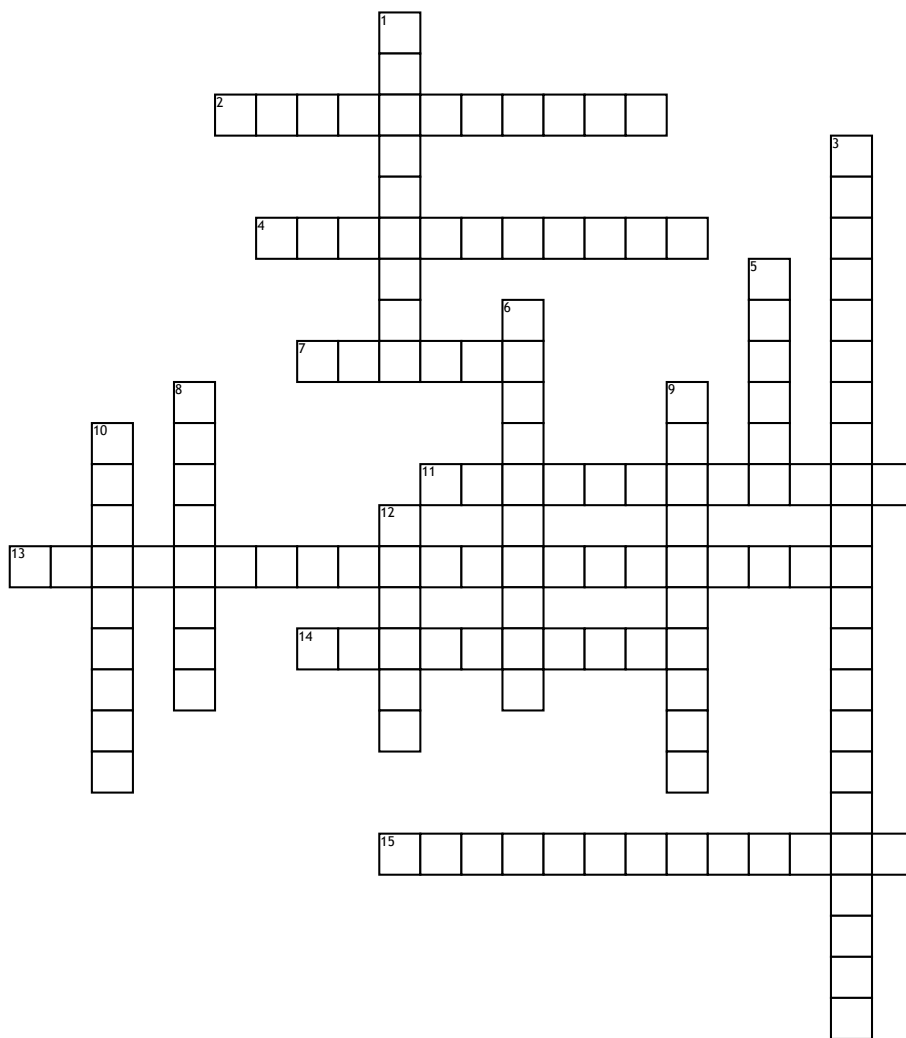


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Chapter 1 Research Methods Concept Check



## Across

2. Changes in the dependent variable rely on changes in this variable

4. Research strategies for observing and describing behavior; includes naturalistic observation, surveys, case studies and correlational studies

7. A set of assumptions, attitudes and procedures that guide researchers in creating questions to investigate

11. Statistical technique that involves combining and analyzing the results of many research studies on a specific topic in order to identify overall trends

13. A precise description of how the variables in a study will be manipulated or measured

14. This method of investigation demonstrates cause-and-effect relationships by purposely manipulating one factor thought to produce change in another factor

15. When a change is attributed to a person's beliefs or expectations rather than to an actual drug, treatment or procedure of an experiment

## Down

1. To repeat or duplicate a scientific study in order to increase confidence in the validity of the original findings

3. The numerical indication of the magnitude and direction of the relationship between two variables

5. A questionnaire or interview designed to investigate the opinions, behaviors, or characteristics of a particular group

6. a tentative statement about the relationship between two or more variables

8. Any factor that can vary, or change in ways that can be observed, measure and verified

9. Mathematical methods used to summarize, analyze and draw conclusions about data

10. An in-depth, intensive investigation of a single individual or small group of individuals

12. A segment of the population under study

## Word Bank

Survey

Replicate

Independent

Meta-analysis

Variable

Statistics

Hypothesis

Placebo effect

Correlation coefficient

Sample

Operational definition

Descriptive

Experiment

Theory

Case study