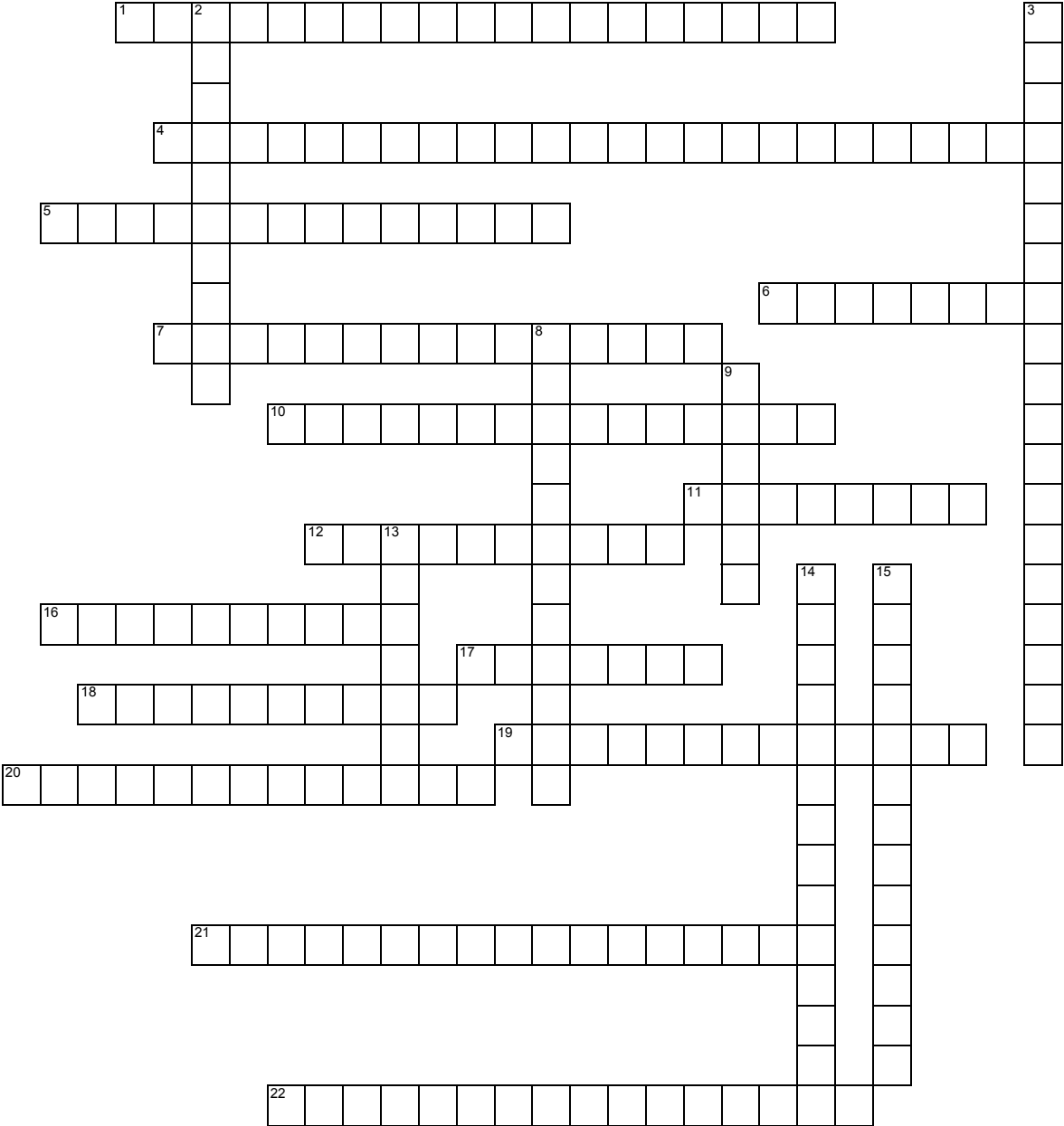
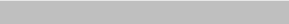


# Crossword Puzzle



## **Across**

1. the extent to which the psychological aspects of a research setting are meaningful or feel real to participants
4. a preexisting variable that differentiates the groups or conditions being compared in a research study
5. the extent to which a research setting physically resembles or looks like the natural environment being simulated
6. an unanticipated variable not accounted for in a research study that could be causing or associated with observed changes in one or more measured variables
7. a research design that uses methods and procedures to make observations in which the behavior or event being observed is observed “as is” or without any intervention from the researcher
10. an experiment that takes place in an environment within which the behavior or event being observed would naturally operate
11. a type of validity that indicates the extent to which results observed in a study will generalize across time and at different points in time
12. a type of validity that indicates the extent to which results observed in a study will generalize across settings or environments
16. the methods and procedures used to specifically control the conditions under which observations are made in order to isolate cause-and-effect relationships between variables
17. used in research design that requires the manipulation of a variable and holding all other variables constant
18. a possible threat to internal validity in which a participant’s physiological or psychological state changes over time during a study
19. the use of methods for selecting individuals to participate in a study and assigning them to groups such that each individual has an equal chance of being selected to participate and assigned to groups
20. a possible threat to internal validity in which an unanticipated event also occurs with a

treatment or manipulation in a study

- 21. the variable that is believed to change in the presence of the independent variable
- 22. the assignment of participants to groups using a random procedure

## **Down**

- 2. a type of validity that indicates the extent to which results observed in a study will generalize to the population from which a sample was selected
- 3. the variable that is manipulated in an experiment
- 8. the only research design that applies to all three required elements of control
- 9. the \_\_\_\_ of a factor are the specific conditions or groups created by manipulating that factor
- 13. a type of validity that indicates the extent to which the results or outcomes observed in a study will generalize across different but related dependent variables
- 14. the specific methods and procedures used to answer a research question
- 15. the improved performance on a test or measure the second time it is taken due to the experience of taking the test