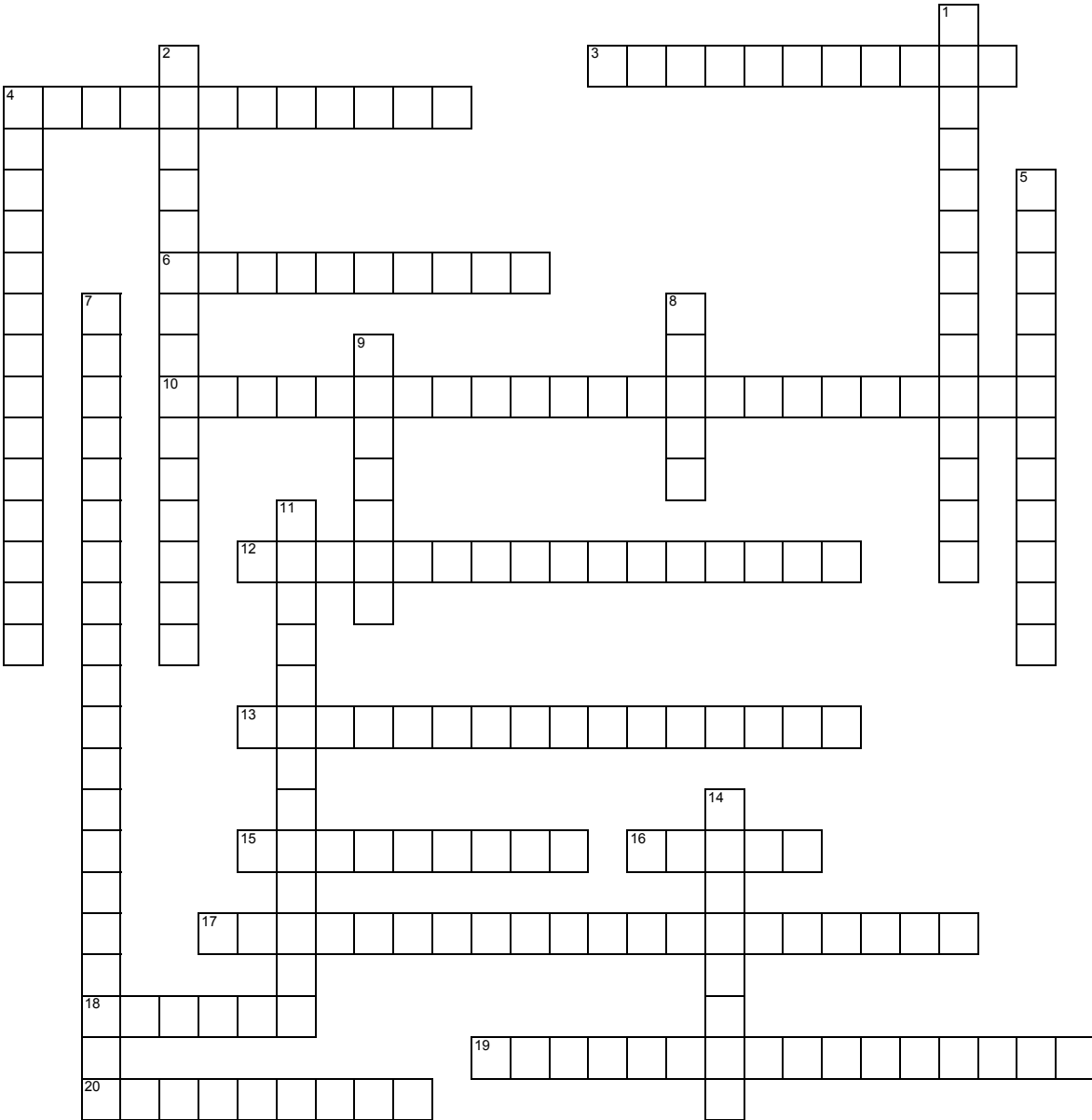


# Crossword Puzzle



## **Across**

3. a time series design with a treatment that naturally occurs
4. a threat to internal validity in which differences in the characteristics of participants in different cohorts can alternatively explain an outcome
6. an experimental design in which data are analyzed for each individual participant and not averaged across groups
10. a quasi-experimental design in which the same dependent variable is measured in one group before and after treatment
12. a developmental design in which different cohorts of participants at different or overlapping ages are observed longitudinally
13. a single-case design in which a treatment is successively administered over time to different participants
15. the size of a change between each phase of a single-case design
16. a series of trials or observations made in one condition
17. a quasi-experimental design in which a dependent variable is measured for one group of participants following a treatment
18. a group of people who share common statistical traits or experiences in a defined period
19. a preexisting variable that differentiates groups in a research study
20. the consistency in the pattern of change in a dependent measure in each phase of a design

## **Down**

1. a single-case design in which a single participant is observed before, during, and after a treatment
2. a nonequivalent control group \_\_\_\_\_ design is a quasi-experimental design in which one group is observed before and after a treatment and another group is a nonequivalent control
4. a developmental design in which participants are grouped by their age

- 5. a developmental design in which the same participants are observed over time
- 7. any differences, which are not controlled by the researcher, between individuals who are selected from preexisting groups
- 8. a time series design with a treatment that is manipulated by the researcher
- 9. a basic or interrupted time series design with a nonequivalent control group
- 11. a \_\_\_\_\_ control group design is a design in which a dependent variable is measured in a group that received a treatment and in another matched group that did not receive the treatment
- 14. a phase in which the treatment or manipulation is absent