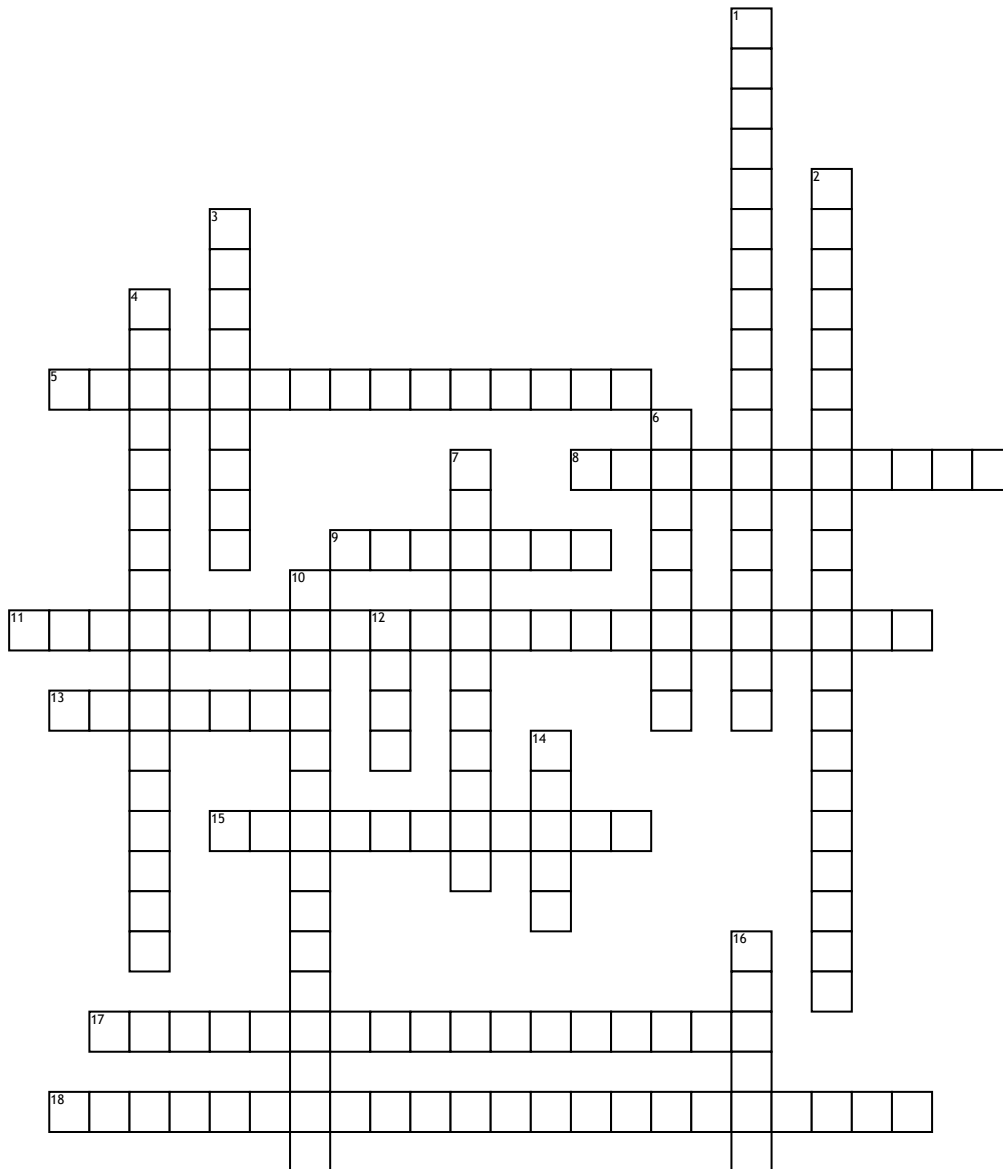


# Chapter 2: Rational Numbers



**Across**

- 5. Adding the opposite of a number to get a sum of zero.
- 8. How likely is it that an event will occur.
- 9. An item in a matrix.
- 11. The ratio of the number of times an event actually happens to the number of times the experiment is done.
- 13. The result of a single trial in a probability experiment.
- 15. The numerical factor when a term has a variable.
- 17. All possible outcomes that are not in the event.

- 18. The ratio of the number of favorable outcomes to the number of possible outcomes if all outcomes have the same chance of happening.

**Down**

- 1. A process of reasoning logically from given facts to a conclusion.
- 2. Given a nonzero rational number  $a/b$ , the reciprocal is  $b/a$ . The product is always one.
- 3. Terms with exactly the same variable factors in a variable expression.
- 4. Two events for which the outcome of one does not affect the other.

- 6. A term that has no variable factor.
- 7. All possible outcomes of an event.
- 10. Two events in which the occurrence of one event affects the probability of the second event.
- 12. A number, variable, or the product or quotient of a number and one or more variables.
- 14. Any group of outcomes in a situation involving probability.
- 16. A rectangular arrangement of numbers.