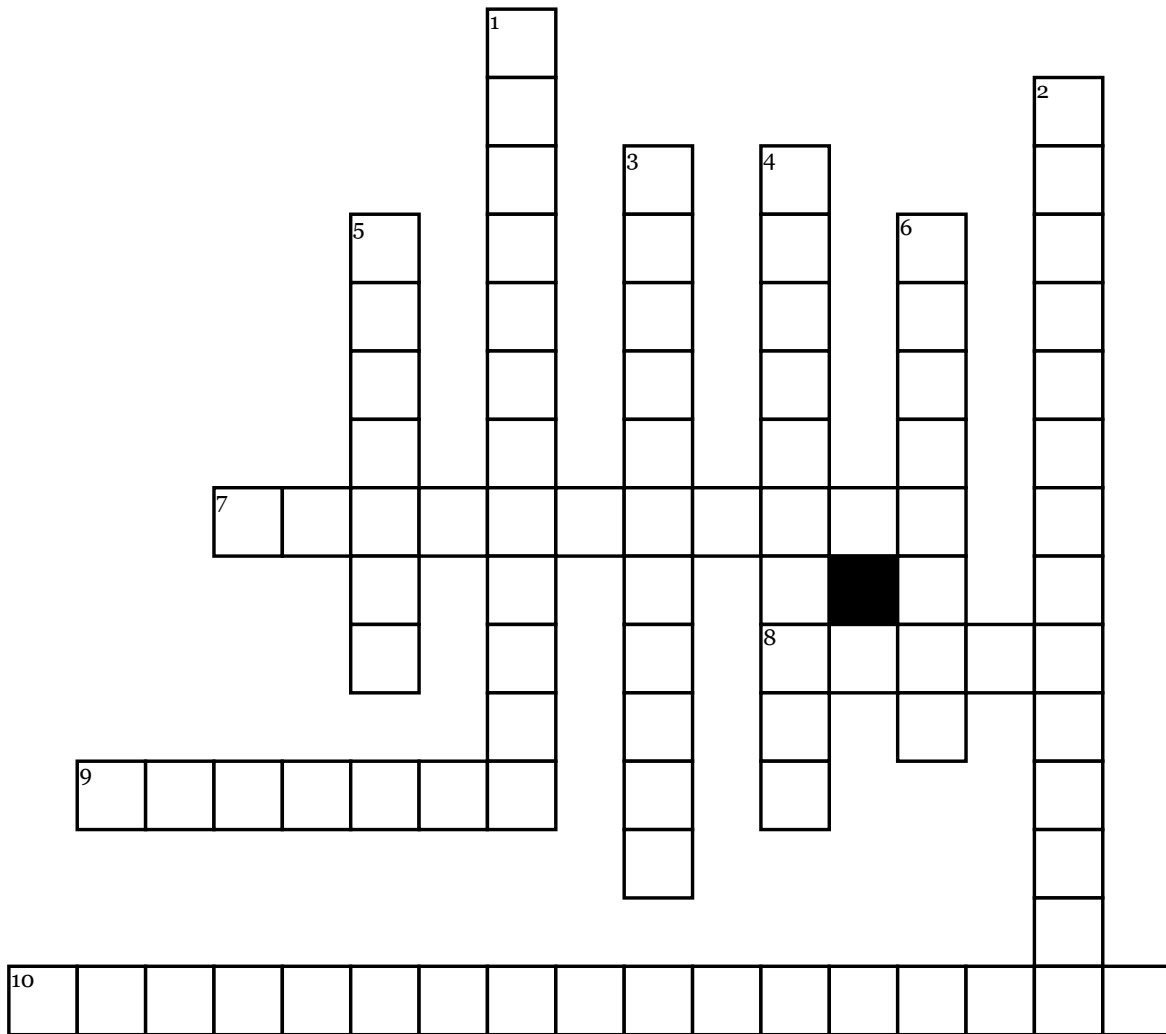


# Applications of Probability - Maya Sutton



## Across

- 7.** a number from 0 to 1 inclusive or a percent from 0% to 100% inclusive that indicates how likely an event is to occur
- 8.** an outcome or set of outcomes of an experiment. an event is a subject of the sample space
- 9.** an item in a set, also called a member
- 10.** Two events are overlapping if they have one or more outcomes in common

## Down

- 1.** a set of all elements that are being considered in a particular situation. In a probability experiment, the universal set is the sample space.
- 2.** events that are not independent the outcome of 1 event affects the probability of the outcome of another event
- 3.** a diagram that shows how two or more sets in a universal set are related
- 4.** a process or action that has observable results, the results are called outcomes
- 5.** a possible result of an experiment
- 6.** A set that has no element, denoted by  $\emptyset$  the empty set is also called the null set