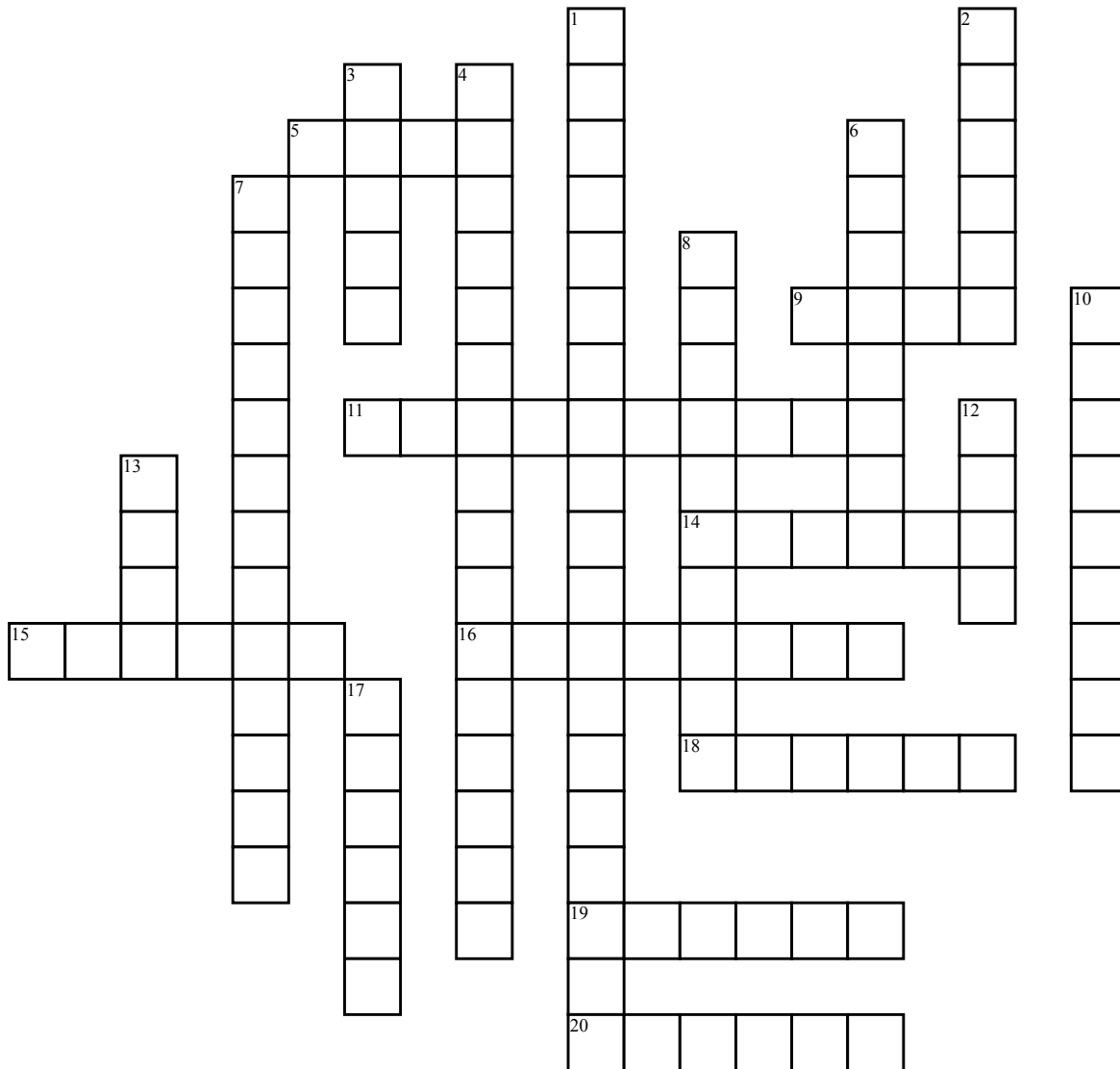


# Key Terms



## Across

- 5.** - Information about a product or process, usually in numerical form  
**9.** - a mistake causing results that are not representative of the population  
**11.** - The entire set of items from which data can be selected  
**14.** - The spread of a distribution refers to the variability of the data  
**15.** - measures of center refer to the summary measures used to describe the most "typical" value in a set of data  
**16.** - Data that are far away -from most of the data points  
**18.** - A subset, or portion, of the population

- 19.** - Events are random when individual outcomes are uncertain  
**20.** - middle score when listed in numerical order

## Down

- 1.** - Choose a simple random sample of size  $n$  from any population with mean  $\mu$  and standard deviation  $\sigma$   
**2.** - a census occurs when everyone in the population is contacted  
**3.** - The difference between the greatest data element and the least data element  
**4.** - A statistic indicating the proportion of successes in a particular sample

- 6.** - The average of the squares of the deviations of the observations from their mean  
**7.** - The value in the confidence interval that says how accurate we believe our estimate of the parameter to be  
**8.** - The science of collecting, organizing, and interpreting data in order to make decisions  
**10.** - A numerical description of a sample characteristic  
**12.** - score that occurs most often  
**13.** - average  
**17.** - an investigation on one or more characteristic of a population, either through census or sampling