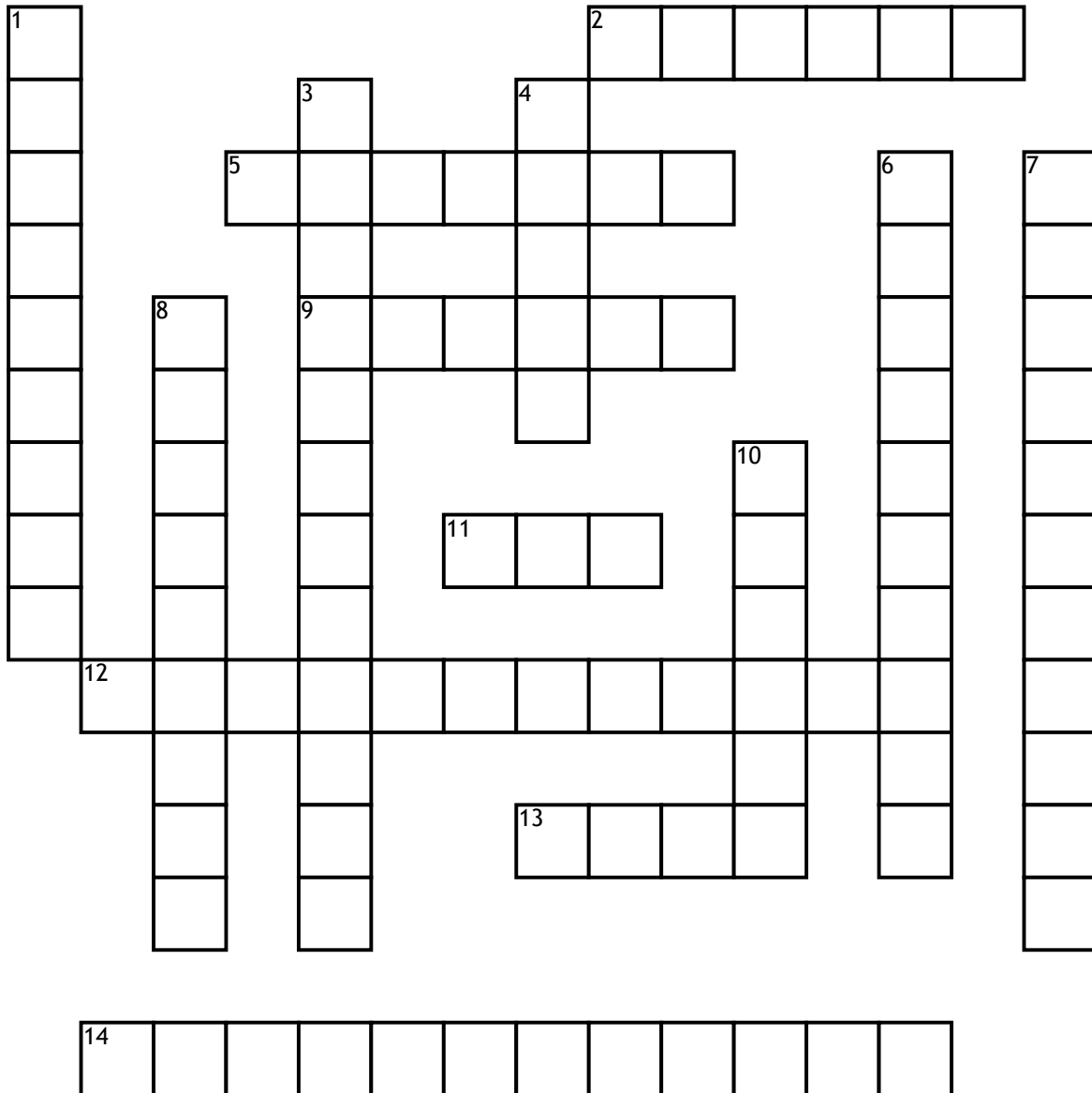


# Math 355 Chapter One



**Across**

- 2. The mean and the median describe the \_\_\_\_\_ of a distribution in different ways
- 5. An individual value that falls outside the overall pattern
- 9. What type of distributions are described by bell-shaped, symmetric, unimodal density curves?
- 11. If following the 68-95-99.7 rule, 95% of observations lie within \_\_\_\_\_ standard deviations of the mean

- 12. A description that includes the minimum, maximum, center/middle, spread, groups, outliers, and shape.
- 13. The \_\_\_\_\_ is the arithmetic average of the observations
- 14. A smoothed out histogram

**Down**

- 1. A distribution is \_\_\_\_\_ if the values smaller and larger than its midpoint are mirror images of each other
- 3. A \_\_\_\_\_ variable has numerical values that measure some characteristic of each case, such as the height in centimeters

- 4. The greek letter for "standard deviation"
- 6. The interquartile range is the \_\_\_\_\_ between the quartiles (Q1 and Q3)
- 7. A \_\_\_\_\_ variable places each individual into a category, such as male and female.
- 8. Divides the data into quarters. Q1 and Q3
- 10. The \_\_\_\_\_ is the midpoint of observations