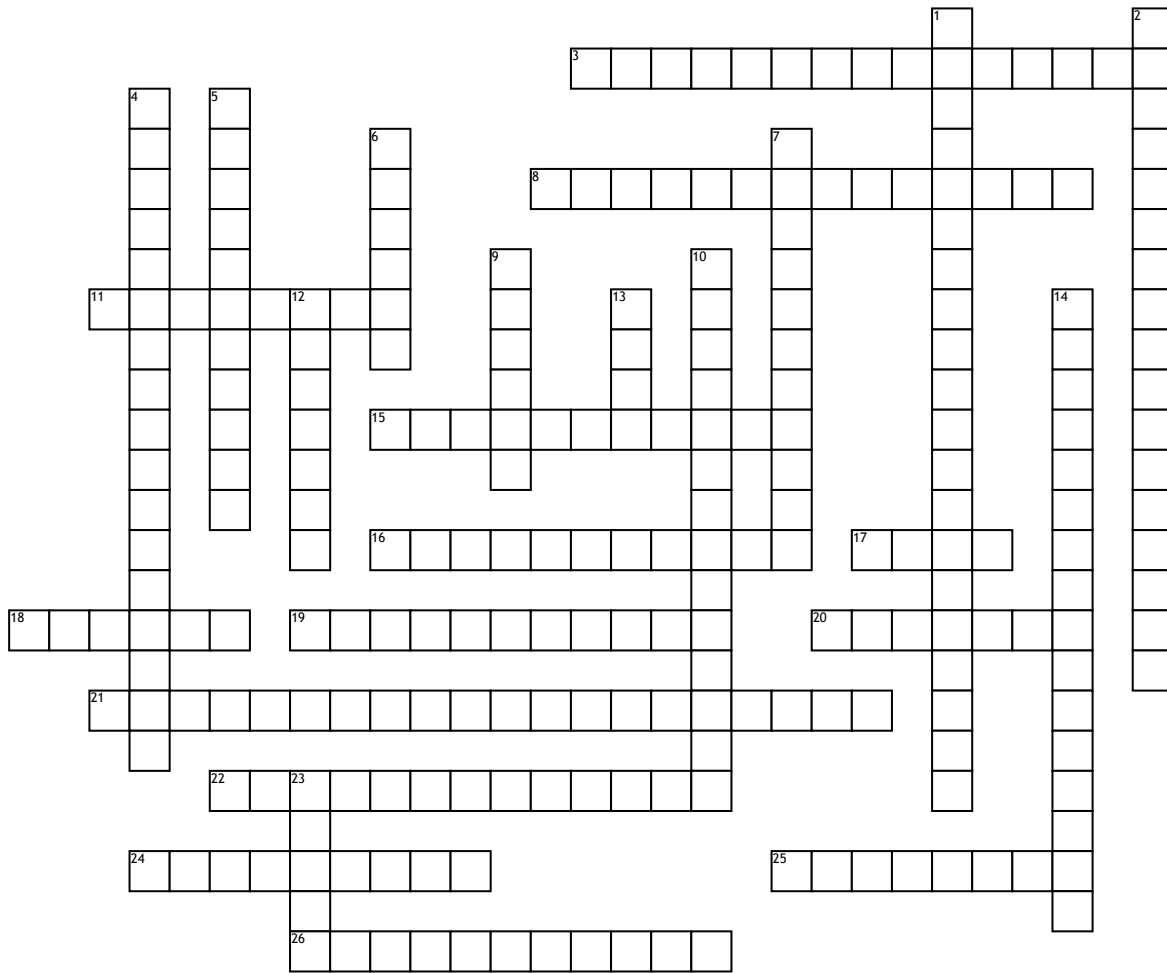


Algebra Crossword Puzzle



Across

- 3. A distribution is one in which the tail is on the left side
- 8. A line that divides a figure in half so that each half is the mirror image of the other
- 11. a plane curve formed by the intersection of a right circular cone and a plane parallel to an element of the curve
- 15. There is a no relationship between the two categorical variables that is in the rows
- 16. 50th percentile of a data set, the Median
- 17. Most frequently occurring number
- 18. the point of intersection of lines or the point opposite the base of a figure
- 19. Measure the direction and strength of the linear association between two quantitative variables

- 20. Based on the 5-number summary of a data set. Each value in the 5-number summary is located over its corresponding value on a number line.
- 21. When the scatter plot gives you a positive slope
- 22. a square of a whole number
- 24. a graph that shows quantitative numbers where the bar touches.
- 25. Graph of the distribution of a categorical variable
- 26. Graph of the two quantitative variables measured on the same individuals. summary of a set of data that shows the relationship between two variables.

Down

- 1. Is the way to describe the overall pattern of a histogram.
- 2. Measures the spread by looking at how far the observations are from the mean

- 4. a function that can be written in the form $f(x)$
- 5. 75th percentiles of a data set
- 6. The middle score of a distribution
- 7. 25th percentile of the observation below it
- 9. A distribution is not symmetric; they are not mirror images of each other
- 10. A straight line that describes how a response variable y changes as an explanatory variable x changes.
- 12. An observation that is numerically distant from the rest of the data. an individual value that falls outside the overall pattern of the relationship
- 13. the average of a set of data (sum of values divided by # of values)
- 14. A distribution is one in which the tail is on the right side
- 23. the solutions to a quadratic equation