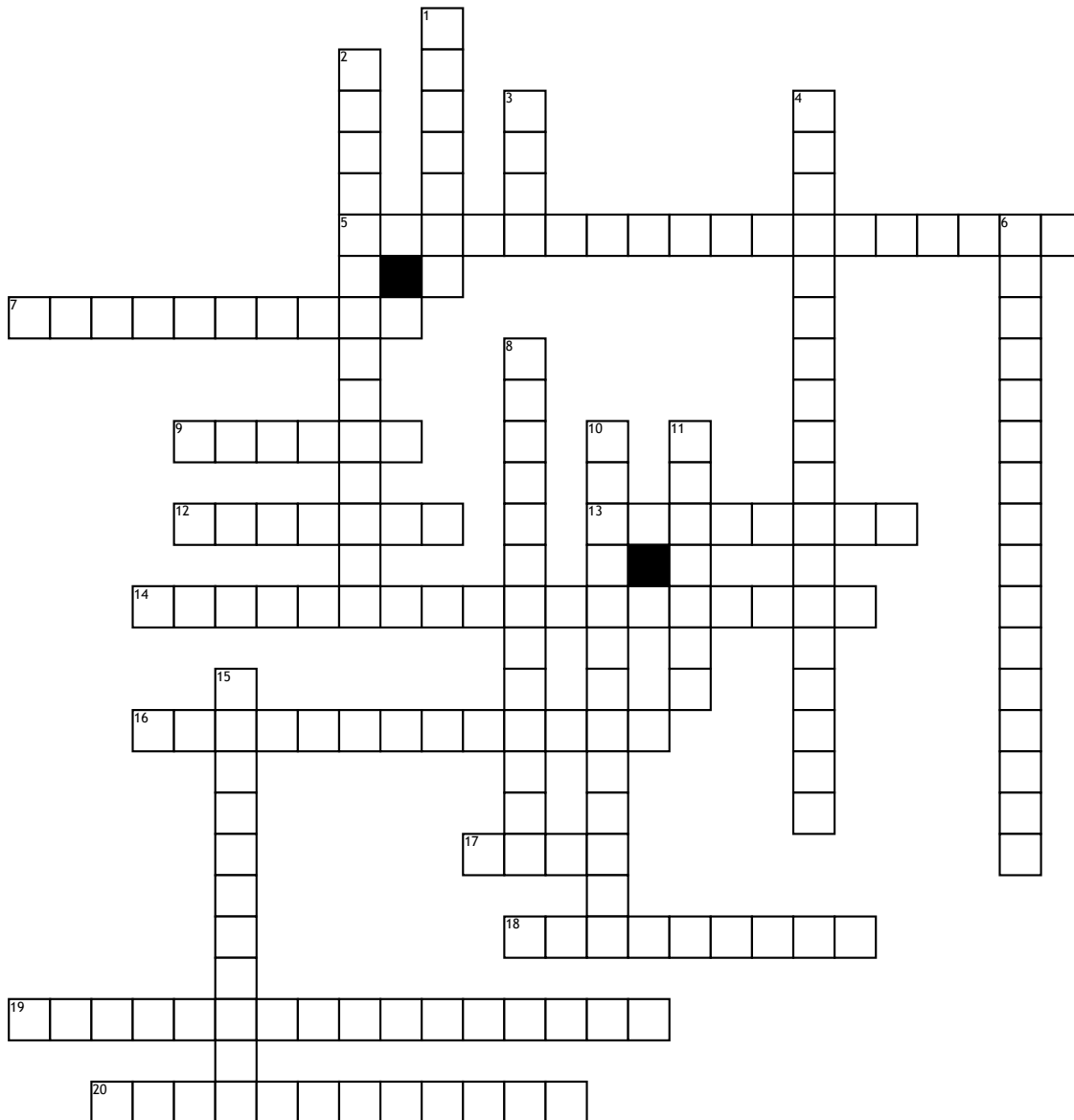


math crossword



Across

5. $y = mx + b$
 7. creating a mirror image
 9. the value separating the higher half from the lower half of a data sample. For a data set, it may be thought of as the "middle" value.
 12. the central value of a discrete set of numbers: specifically, the sum of the values divided by the number of values.
 13. a motion of a certain space that preserves at least one point
 14. the relationship between two lines which meet at a right angle
 16. a standardized way of displaying the distribution of data based on the five number summary

17. the central value of a discrete set of numbers: specifically, the sum of the values divided by the number of values.
 18. a bar graph of raw data that creates a picture of the data distribution.
 19. the way a function is written
 20. a way of writing down very large or very small numbers easily.

Down

1. a standardized way of displaying the distribution of data based on the five number summary
 2. a general term for four specific ways to manipulate the shape of a point, a line, or shape
 3. The number which appears most often in a set of numbers

4. a measure of statistical dispersion, being equal to the difference between 75th and 25th percentiles, or between upper and lower quartiles
 6. slope of a perpendicular line
 8. the middle value between the median and the highest value of the data set.
 10. never intersect.
 11. is a statistical chart consisting of data points plotted on a fairly simple scale, typically using filled in circles.
 15. a function that moves an object a certain distance.