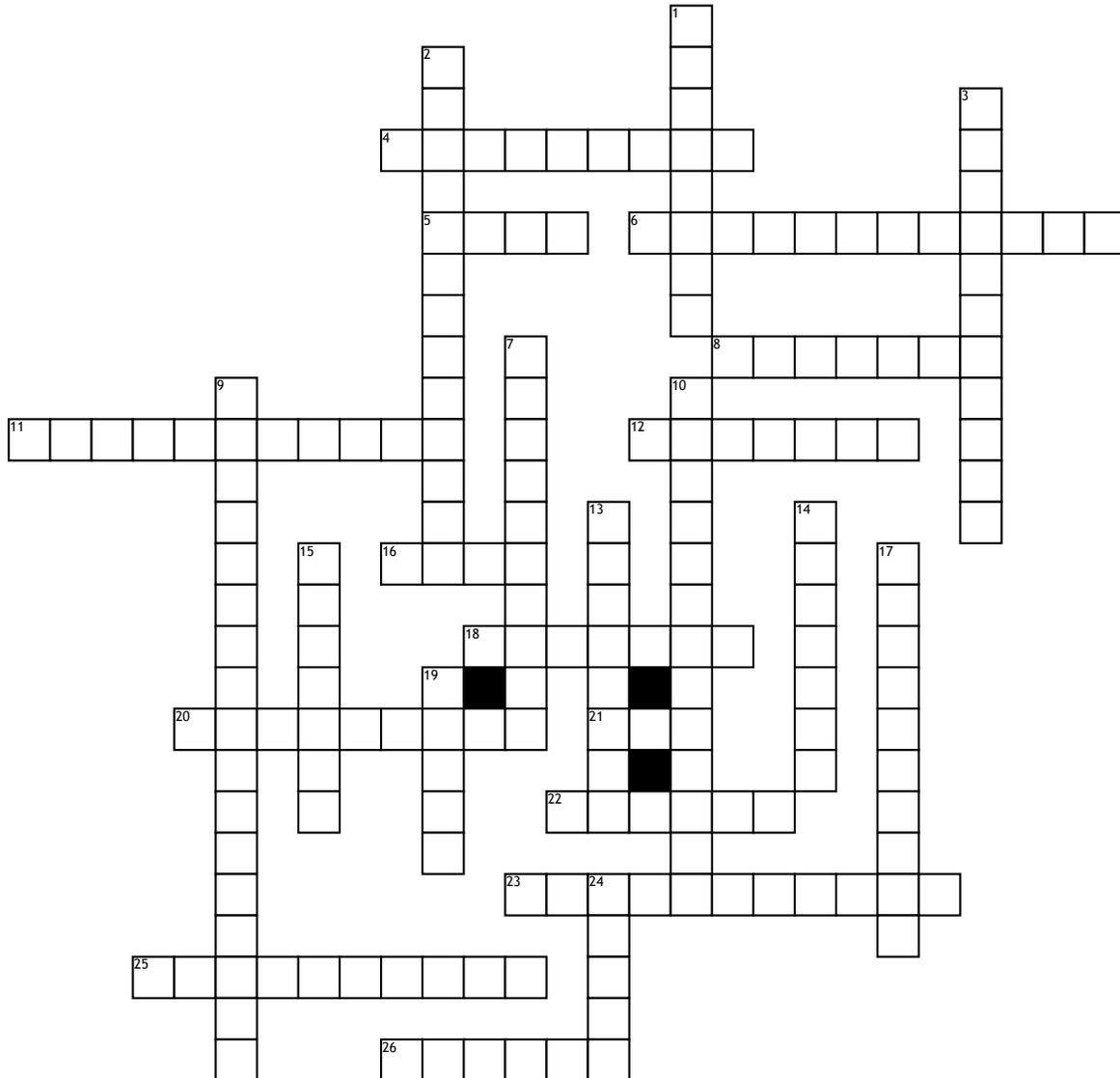


Algebra Crossword



Across

4. a diagram consisting of rectangles whose area is proportional to the frequency of a variable and whose width is equal to the class interval
5. facts and/or statistics collected together for reference or analysis
6. these make it possible to differentiate functions whose derivatives do not exist in the classical sense
8. an observation point that is distant from other observations
11. a numerical or constant quantity placed before and multiplying the variable in an algebraic expression
12. the smallest observation in a data sample
16. The average of a group of numbers
18. the largest observation in a data sample
20. a graph of a normal distribution, with a large rounded peak tapering away at each end

21. A measure of variability, based on dividing a data set into quartiles
22. This separates the higher half of a data sample from the lower half
23. a quantity measuring the extent of interdependence of variable quantities
25. the practice or science of collecting and analyzing numerical data in large quantities
26. a selection taken from the population so that you can examine it to find out something about the larger group

Down

1. a correlation where one variable is increasing while the other is decreasing
2. the middle number between the median and the maximum
3. a type of plot using Cartesian coordinates to display values for typically two variables for a set of data
7. a number or ratio expressed as a fraction of 100

9. a set of descriptive statistics that provide information about a dataset.
10. the middle number between the minimum and the median
13. a correlation with one variable decreasing as the other decreases, or one variable increases as the other increases
14. A graphical rendition of statistical data based on the minimum, first quartile, median, third quartile and maximum
15. a type of graphic display used to compare frequency counts within categories or groups.
17. the whole group from which a sample is taken
19. a diagram showing the relation between variable quantities
24. the difference between the largest and smallest vales