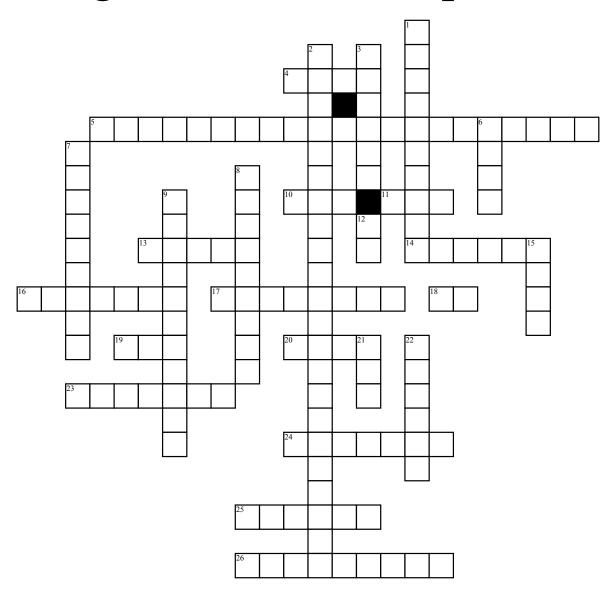# Algebra crossword puzzle

Across

4. value that appears most often in a set of data

5. models the relationship between a scalar dependent variable y and one or more explanatory variable

10. mean absolute deviation

11. lowest number in the data set

13. also known as the mean or average of the data set

14. A distribution is not symmetric; they are not mirror images of each other

16. chart consisting of data points plotted on a fairly simple scale.

17. correlation requires two scores of the same individuals

18. third quartile of the rank-ordered data set

19. interquartile range

20. the branch of mathematics dealing with numerical data

23. made with the 5 number summary

24. An experiment in which a set number of trials is used.

25. includes the range, quartiles, and interquartile range

26. bar graph

Down

1. the science of data

2. a number between −1 and +1 calculated so as to represent the linear dependence of two variables or sets of data

3. collection of data from every element in population

6. determined by adding all the data points in the population and then dividing the total by the number of points

7. A numerical quantity measuring some aspect of a population of scores

8. usually two variables are observed, not manipulated

9. used to display the relationship between two quantitative variables

12. first quartile of the rank-ordered data set

15. facts and statistics collected together for reference or analysis

21. highest number in the data set

22. the middle point of a frequency distribution of observed values or quantities