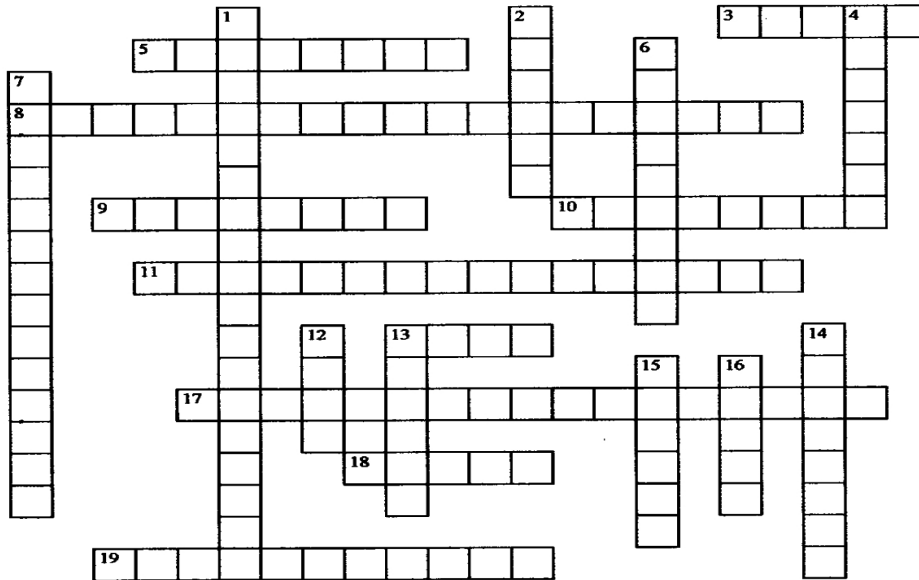


Chapter 5 Vocabulary



ACROSS

- 3 Horizontal number line (2 words)
- 5 A relation in which each element of the domain is paired with exactly one element of the range. Often $f(x)$, "f of x"
- 8 Usually the x -variable: the variable that does not get influenced by the other variable (2 words)
- 9 Of an equation in two variables: an ordered pair of numbers that can be substituted into an equation to make a true statement
- 10 The values in a set of data that divide the data into four equal parts; the median is the middle one

DOWN

- 1 The difference between the upper quartile and the lower quartile of a set of data; the middle 50% of the data (2 words)
- 2 (of a relation): the set of x -coordinates that a relation can have
- 4 Q is this of relation S if for every ordered pair (a,b) in S , there is an ordered pair (b,a) in Q .
- 6 The four parts of the coordinate plane divided by the x - and y -axis: the top right one is the first, the rest are counted counter-clockwise
- 7 An equation of the form $Ax + By = C$, where A , B , and C are real numbers, and A and B are not both zero at the