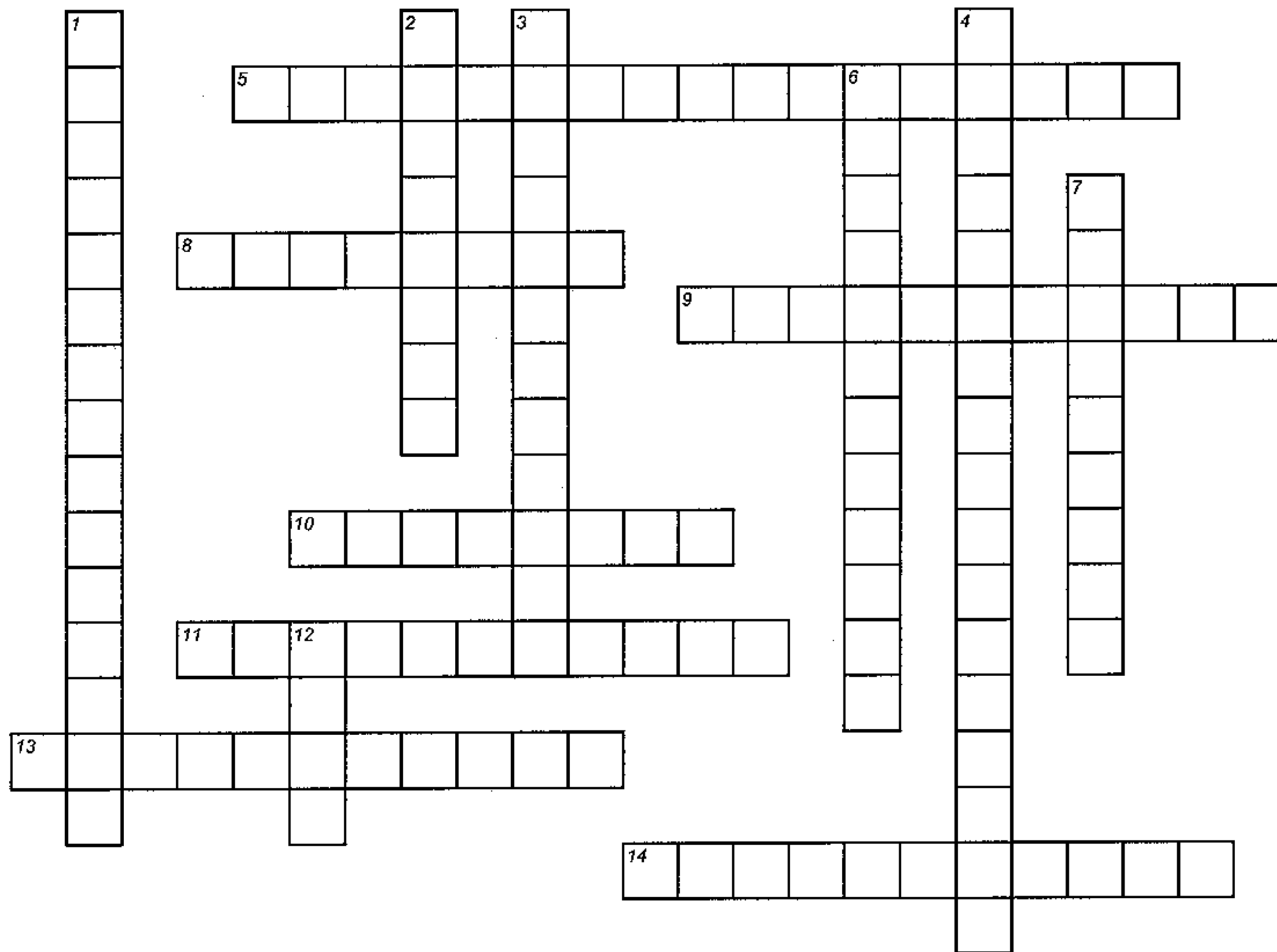


Chapter 3

Displaying & Describing Categorical Data

Advanced Placement Statistics



Stats: Modeling the World, Chapters 2-3

ACROSS

- 5** table that lists the categories of a variable and gives the proportion of observations for each category
- 8** shows how a "whole" divides into categories by showing a wedge of a circle whose area corresponds to the proportion in each category
- 9** table that displays counts and, sometimes, percentages of individuals falling into named categories on two or more variables
- 10** in a contingency table, the distribution of either variable alone
- 11** relationship between two variables such that the conditional distribution of one variable is the same for each category of the other.
- 13** the distribution of a variable when considering only a smaller group of individuals
- 14** variable that describes data using words or numerals as labels

DOWN

- 1** phenomenon where when averages are taken across different groups, they can appear to contradict the overall averages
- 2** shows a bar representing the count of each category in a categorical variable
- 3** the possible values of the variable and the relative frequency of each value
- 4** shows bars divided proportionally into segments corresponding to the percentage in each group
- 6** variable that describes data using numbers as numerical values
- 7** table that lists the categories of a variable and gives the count of observations for each category
- 12** systematically recorded information, together with its context