



Name \_\_\_\_\_ Date \_\_\_\_\_

## Chapter 8 Review

### Vehicular Percents

In the evening, when most people in your neighborhood are home from work and school, take a walk with a parent. As you walk through your neighborhood, notice the kinds of vehicles that are parked in front of the houses and buildings. Record the number of each type of vehicle listed in the table below. Then add them to find the total number of vehicles you saw in your neighborhood.

Type of Vehicle	Number of Vehicles
Cars (including station wagons)	
Trucks (including pickups and larger trucks)	
Vans (minivans and larger vans)	
Sport Utilities (any four-wheel-drive that is not a truck)	
<b>Total Number of Vehicles</b>	

1. Find the percent of the total number of vehicles for each type of vehicle. Fill in the table at the right with the percents. Round each percent to the nearest whole percent.

Type of Vehicle	Percent of Total Vehicles in Neighborhood
Cars	
Trucks	
Vans	
Sport Utilities	

2. Suppose you stood along a street in your neighborhood and saw 20 vehicles go by. How many vehicles of each type would you expect to see? Round the number of vehicles to the nearest whole number.

Type of Vehicle	Number of Vehicles out of 20
Cars	
Trucks	
Vans	
Sport Utilities	

3. Suppose your neighbors are going to buy a new vehicle, but they are not sure what type they want. Based on the percents you calculated, rank the vehicle types your neighbors are likely to purchase. Rank them from 1 (most likely) to 4 (least likely).

Type of Vehicle	Likelihood of Neighbors Buying
Cars	
Trucks	
Vans	
Sport Utilities	

Answers are located on page 122.