Outside of Class

Statistics Lesson 1: Data Types/Frequency Tables/ Column Graphs

1. A local kindergarten is concerned about the number of vehicles passing by between 7:30AM and 7:45AM. Over 30 consecutive weekdays they recorded the data:

27, 30, 17, 13, 46, 23, 40, 28, 38, 24, 23, 22, 18, 29, 16, 35, 24, 18, 24, 44, 32, 52, 31, 39, 32, 9, 41, 38, 24, 32

a.) What type of data is being recorded?

b.) Construct a relative frequency table for the collected data.

c.) Construct a column graph for the collected data.

d.) Find the modal class for the data.

e.) Describe the distribution of the data set.