

# Practice 9-3

## Frequency Tables and Dot Plots

1. a. Choose a page from a book you are reading. Choose 50 words on that page. Using these 50 words, complete the frequency table.

Letter	Tally	Frequency
t		
s		
r		
n		
d		

**1a through 1c.  
Check students' work.**

- b. Make a dot plot for your frequency table.  
c. Which letter occurred most frequently in your sample? least frequently?

Use the dot plot at the right for Exercises 2–5.

2. What information is displayed in the line plot?

**time spent doing homework last night**

3. How many students spent time doing homework last night?

**24 students**

4. How many students spent at least half an hour on homework?

**9 students**

5. What is the range of time spent on homework last night?

**25 minutes**

6. A kennel is boarding dogs that weigh the following amounts (in pounds).

5      62      43      48      12      17      29      74  
8      15      4      11      15      26      63

- a. What is the range of the dogs' weights?

**70 pounds**

- b. How many of the dogs weigh under 50 pounds?

**12 dogs**

