12-2 **Practice**

Frequency and Histograms

Form K

Use the data to make a frequency table.

1. strikeouts per game: 10 5 1 7 6 7 5 3 9 8 4 6 6 8 2

2. weight (kg): 27 19 21 31 29 24 18 19 30 25 26 20 18 27

Use the data to make a histogram.

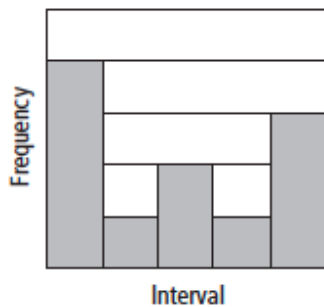**3.** number of lawns mowed:
   12 15 10 22 7 12 18 14 9 11 5 14 19
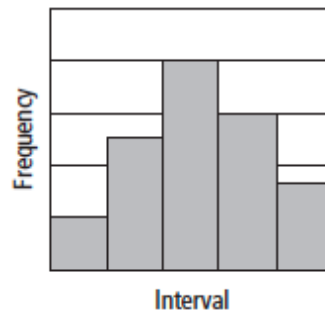
4. price per foot of rope:
   $3 $7 $5 $9 $10 $7 $12 $8
   $4 $6 $5 $7 $7 $12

Tell whether each histogram is *uniform*, *symmetric*, or *skewed*.

5.

6.

12-2

Practice (continued)

Form K

Frequency and Histograms

Use the data to make a cumulative frequency table.

7. minutes used per month:

675 815 747 508 642 588 821 818 689 590 777

8. weight (lb):

3.5 2.75 1.1 5.25 6.1 2.4 1.8 4.2 3.15 5.25 3.9 2.5

9. Rainfall amounts, in centimeters, are listed below. Make a histogram of the data that uses intervals of 2.

12 6 9 6 2 10 7 12 3

3 4 5 2 11 8 6 3 7

The histogram below shows the amount of money that 100 shoppers spent on groceries this week.

10. Which interval represents the greatest number of shoppers?

11. How many shoppers spent more than $175?

12. How many shoppers spent less than $126?

Money Spent on Groceries