

Lesson 2 Problem-Solving Practice

Histograms

1. DATA Give a set of data that could be represented by the histogram below.

Number of Books for Each Student

Number of Books	Frequency
20-29	4
30-39	5
40-49	3
50-59	6
60-69	1

2. FAMILY Refer to the histogram below. In one or two sentences, write a conclusion you can make about the data.

Number of Siblings for Each Student

Number of Siblings	Frequency
0-1	10
2-3	25
4-5	4
6-7	2

3. SALES Create a histogram to represent the set of data below.

Number of Candy Bars Sold		
Bars	Tally	Frequency
50-69		10
70-89		8
90-109		7
110-129		10
130-149		4

4. JOBS The table shows the amount Jayden earned each week at his part-time job. Create a histogram to represent the set of data.

Weekly Earnings (\$)					
95	120	96	100	90	105
145	185	160	98	104	130
115	106	97	118	125	134

5. RESEARCH Use the Internet or other resource to find the average monthly high temperature for the previous two years in your town or city. Create a histogram of the data.

6. DATA Create a set of data. Include at least 10 pieces of data. Create a frequency table and histogram to represent your data.