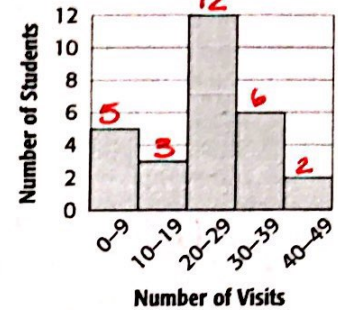


Math 6 - Unit 6: Statistics
Histograms Practice Sheet

Name: KEY
Class Period: 1 2 3 4 Date: _____

For Exercises 1-4, use the histogram shown at the right.

Number of Visits to a Pool Last Summer



1) Which interval represents the most number of students?

20-29

2) Which interval has three students?

10-19

3) How many students went to a pool at least ten times last summer?

23

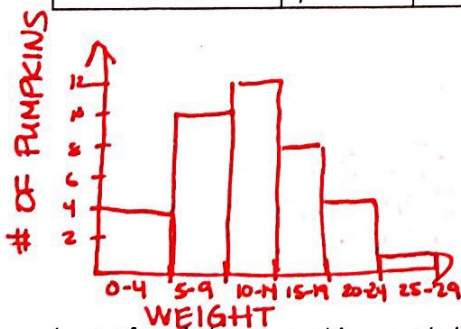
4) How many students went to a pool less than ten times last summer?

5

Draw a histogram to represent each set of data.

5)

Weights of Pumpkins		
Weight (lb)	Tally	Frequency
0-4		4
5-9	 	10
10-14	 	12
15-19	 	8
20-24		5
25-29		1



6)

Lengths of Snakes		
Length (in.)	Tally	Frequency
12-23	 	10
24-35	 	10
36-47	 	7
48-59		5
60-71		4

~~7)~~ number of points scored in each basketball game: 28, 16, 38, 44, 21, 38, 35, 48, 33, 29, 37, 39, 18, 38, 42, 37, 32

~~8)~~ speeds of roller coasters (mph): 62, 64, 72, 75, 71, 68, 55, 58, 68, 72, 70, 60, 72

For Exercises 9–13, use the histogram.

9) Describe the histogram. What does it show? What does it tell you?
It shows the number of children of people in different age groups who visit the zoo.

10) Which age group had the most children visit the zoo?

5-6

11) How many children between 7 and 10 years old visited the zoo?

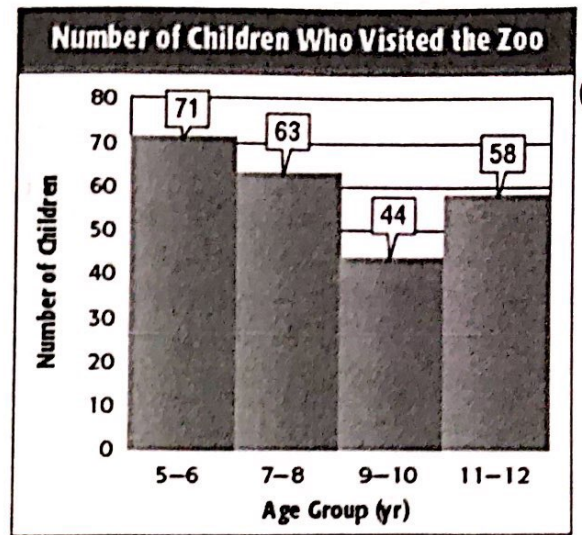
63

12) How many more children from the 5–6 age group visited than the 9–10 age group?

71 - 44 = 27 more

13) How many children older than 8 visited the zoo?

44 + 58 = 102



Draw a histogram to represent the data.

14)

Highest Recorded Wind Speeds for Selected U.S. Cities (mph)		
Speed (mph)	Tally	Frequency
40-49		5
50-59		10
60-69		2
70-79		4
80-89		2
90-99		1

Highest Recorded Wind Speeds

