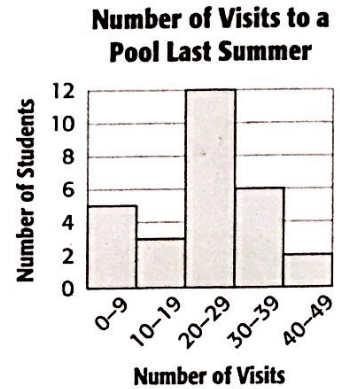


Math 6 - Unit 6: Statistics
Histograms Homework

Name: KEY

Class Period: 1 2 3 4 Date: _____

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



1. Which interval represents the most number of students?

20-29

2. Which interval has three students?

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

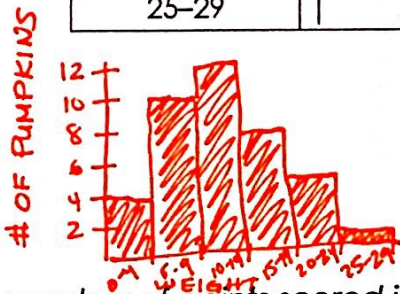
23

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

Draw a histogram to represent each set of data.

5.

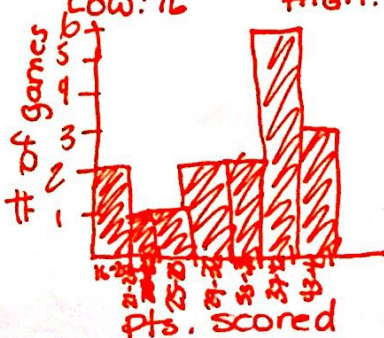
Weights of Pumpkins		
Weight (lb)	Tally	Frequency
0-4		4
5-9		10
10-14		12
15-19		8
20-24		5
25-29		1



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



Pts.	tally	frequency
16-20		2
21-24		1
25-28		1
29-32		2
33-36		4
37-42		5
42-48		4

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

For Exercises 1–5, use the histogram.

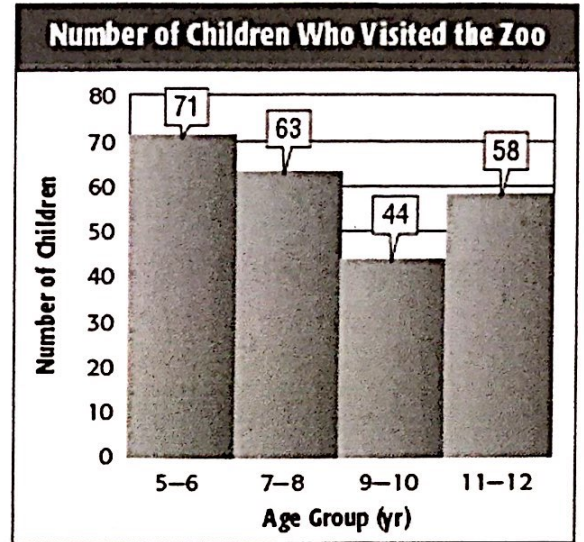
1. Describe the histogram. What does it show?
What does it tell you?

2. Which age group had the most children visit the zoo?
5-6

3. How many children between 7 and 10 years old visited the zoo?

4. How many more children from the 5–6 age group visited than the 9–10 age group?
 $71 - 44 = 27$

5. How many children older than 8 visited the zoo?



Draw a histogram to represent the data.

6. **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

