

Name _____

More practice with Histograms!!

1. Make a histogram, using a bin width of ten, to display the bowling scores for these 26 players: 83, 114, 107, 95, 76, 85, 94, 119, 109, 71, 111, 87, 97, 79, 106, 78, 93, 84, 103, 74, 98, 82, 96, 86, 92, 91.

2. Draw a histogram with bin width 1.0 for this data set.

{6, 3.9, 3.7, 0.8, 6.6, 3, 5, 2.1, 4.9, 0.1, 4.5, 0.9, 0.3, 3.1, 0.8, 6.2, 0.2, 0.3, 3.7, 6.5}

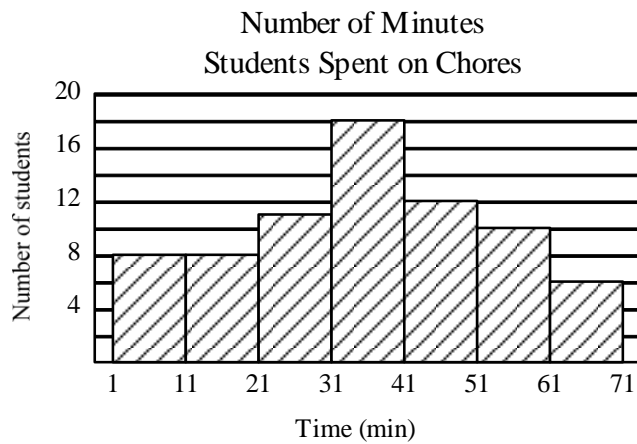
3. Make a Histogram for the data set.

{34, 42, 20, 24, 41, 37, 55, 50, 28, 33, 47, 52, 27, 53, 21}

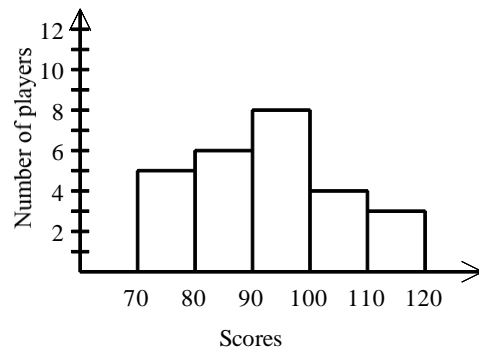
4. Pulse rates taken during gym class for 28 students were 73, 111, 96, 107, 85, 109, 98, 84, 72, 117, 103, 115, 71, 94, 89, 96, 88, 102, 94, 101, 85, 88, 97, 86, 93, 89, 92, 96. Make a histogram that shows the pulse rates using ten-point intervals.

5. The histogram shows the number of minutes students at Montrose Junior High typically spend on household chores each day.

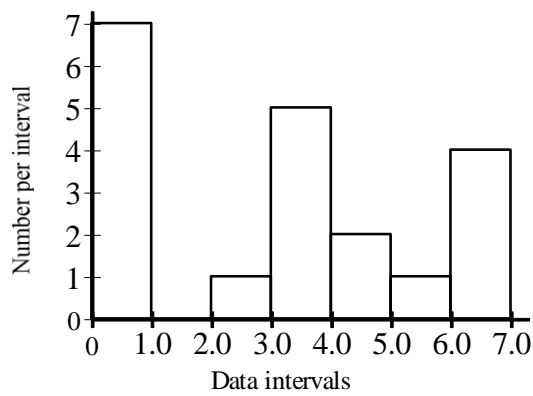
- How many minutes are included in each interval?
- About how many students spend 31 to 40 minutes on chores?
- Is the number of students who spend more than one half hour on chores *greater than, equal to,* or *less than* the number of students who spend less than one half hour on chores?



[1]



[2]

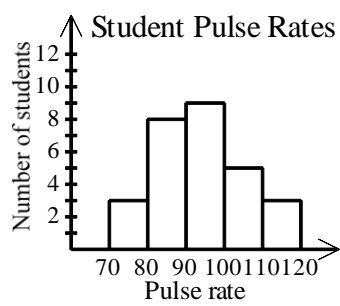


[3]

2		0 1 4 7 8
3		3 4 7
4		1 2 7
5		0 2 3 5

key: 5 | 0 represents 50

[4]



- [5] a. 10
b. 18
c. Greater than