

12.2 Histograms

Objective: Draw and analyze data displays



Example

Here are the scores of 18 students on a 20-question multiple choice quiz.

15, 19, 8, 16, 14, 12, 7, 19, 16, 13, 16, 4, 11, 7, 14, 20, 17, 9

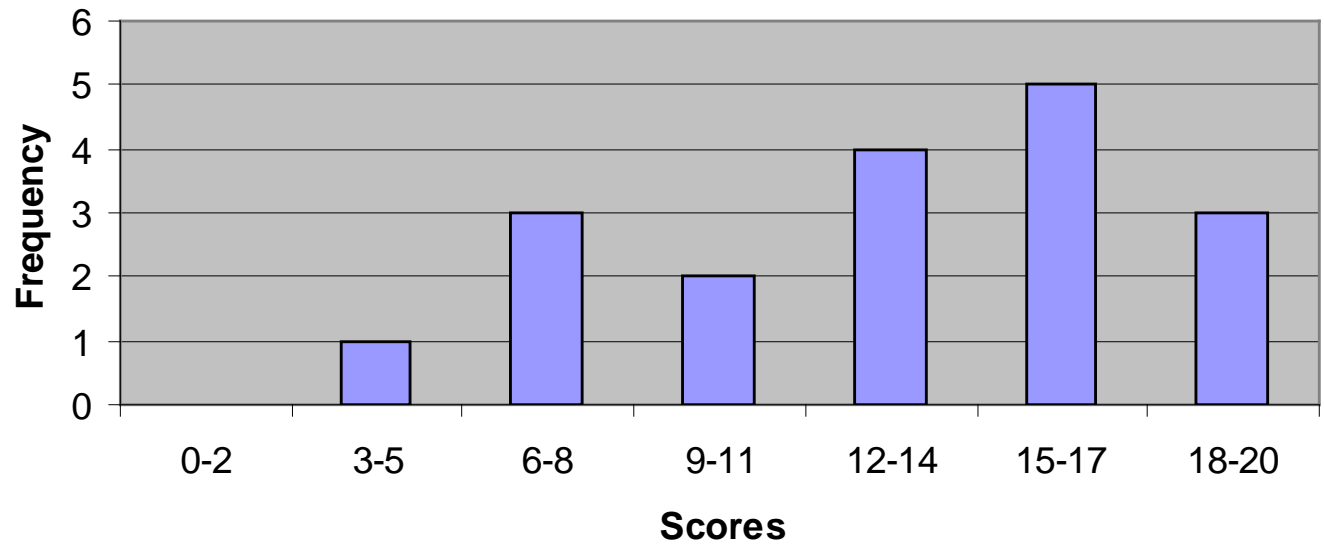
Make a frequency table:

Interval	Tally	Frequency
0 – 2		0
3 – 5		1
6 – 8		3
9 – 11		2
12 – 14		4
15 – 17	 	5
18 - 20		3

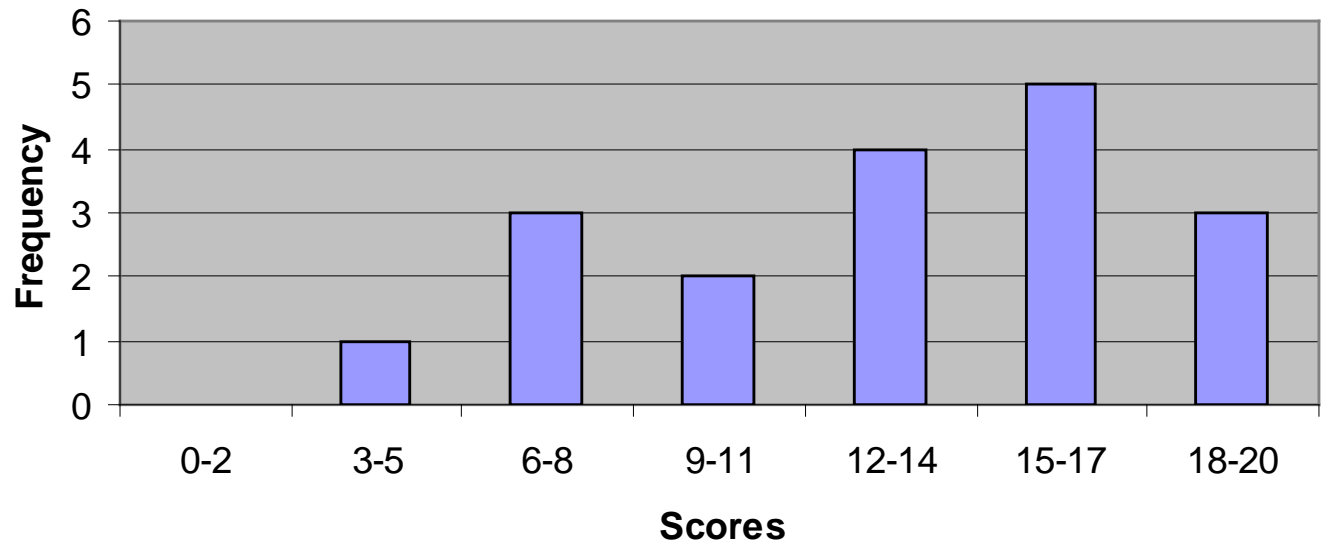


Interval	Tally	Frequency
0 – 2		0
3 – 5		1
6 – 8		3
9 – 11		2
12 – 14		4
15 – 17	 	5
18 - 20		3

Quiz Scores



Quiz Scores



1) Why is there not a bar for the 0-2 interval?

There were not any students that received a score of 0, 1, or 2.

2) How many students received a score less than 12?

6 students