

# Frequency Distribution Construction Practice

For the data at the right, create a frequency distribution table below and find the values requested. Set your class interval widths to 10 and carry out your calculations to at least three decimal places. Then go on to the next page.

Classes	Frequency	Proportion	Percent	Cumulative Frequency	Cumulative Proportion	Cumulative Percent	Approximate Percentiles
Sum(s)				X	X	X	X

85	77	85	97
85	84	61	98
84	70	76	77
85	70	88	45
50	85	92	65
97	65	68	93
88	69	66	62
54	90	57	68
77	77	72	88
89	96	65	74
38	93	85	57
81	84	54	98
49	53	90	65
38	76	68	92
92	94	58	88
90	88	69	66
			76

- Using the results of the preceding page, construct a histogram below.
- Next, construct a bar graph depicting, from left to right, how frequently the letter grades of F, D, C, B, and A occurred. Grades of 59 and below are all counted as F's. D's are all the grades in the 60's, C's are in the 70's, and so on.
- Lastly, describe the shape of the histogram in a sentence relative to its symmetry.



