

Section 12.1 - practice

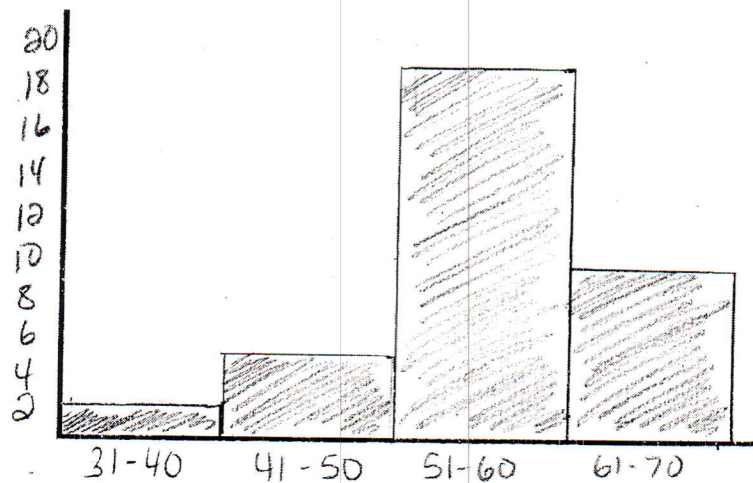
There are 36 students in a math class who took an exam that was worth 70-points. Below are the test scores:

60 63 64 52 60 58 63 53 56
 64 48 54 64 57 51 67 60 49
 59 54 49 52 53 50 58 70 64
 40 36 56 58 66 59 62 50 58

Fill in the grouped frequency distribution chart:

Grades x	Frequency f	Relative Frequency f/n
31-40	2	$\frac{2}{36} = 6\%$
41-50	5	$\frac{5}{36} = 14\%$
51-60	19	$\frac{19}{36} = 53\%$
61-70	10	$\frac{10}{36} = 28\%$

Construct a Histogram and label it:



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Construct a Stem-and-Leaf Display:

3	6
4	0 8 9 9
5	0 0 1 2 2 3 3 4 4 6 6 7 8 8 8 8 9 9
6	0 0 0 2 3 3 4 4 4 4 6 7
7	0

Construct a Frequency Polygon (Line Graph):

