

# Stat 2153 - Statistical Methods

## Quiz #1 - 2008.01.28

### Solutions

The following is a list of scores from the first HW assignment, rounded to the nearest whole number.

95	70	85	95	80	100	95	100	95	85
100	95	100	100	95	95	100	90	80	95
100	78	74	70	87	83	100	100	100	83
100	100	87	100	100	91	91	100	100	91
96	100	60	92	92	76	96	100	88	100
100	56	92	96	100	96	76	76	100	92
88	92	100							

- Construct a frequency distribution table with class widths of 10 points with the first class having lower class limit 50.

Score	Frequency
50-59	1
60-69	1
70-79	7
80-89	10
90-99	21
100-109	23

- Construct a stemplot with the same class widths as problem 1.

(Stems) Tens	(Leaves) Ones
5	6
6	0
7	0046668
8	0033557788
9	01112222255555556666
10	00000000000000000000

- Construct a frequency polygon using the same classes as problems 1 and 2.

