

15. [6 pts - 2 each] Circle the best type of statistical graph for displaying each type of information below.

(a) The average temperature each day of the past month

circle graph

line graph

bar graph

(b) The number of residents in each age bracket at a city apartment complex

histogram

stem-and-leaf plot

line graph

(c) The number of children who like certain flavors of ice cream

circle graph

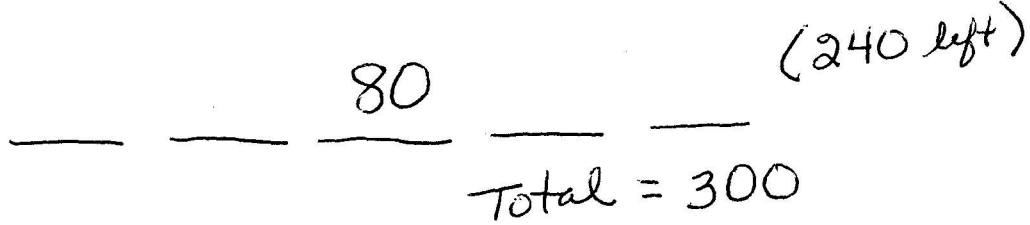
pictograph

box-and-whisker plot

16. [8 pts - 4 each] Create your own set of five scores from 0 to 100 (inclusive) satisfying each set of conditions below. If not possible, explain why in 1-2 sentences.

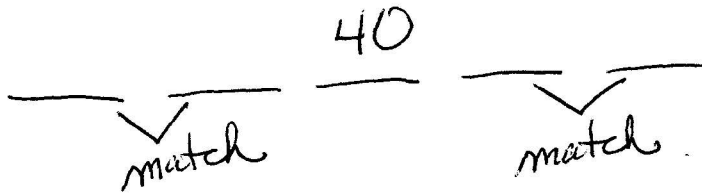
(a) The mean is 60 and the median is 80.

-3 80 is highest.
-2 80 is 2nd high.



(b) There are two modes and the median is 40.

-3 1 mode.



17. [4 pts] Find the upper quartile for these scores: ~~54, 47, 98, 76, 67, 65, 55, 87, 90, 68, 82, 84, 78.~~

-4 not even median.
-3 m = 73
uQ = set

47, 54, 55, 65, 65, 67, ~~73~~, 76, 82, 84, 87, 90, 98
med.

uQ = 85.5