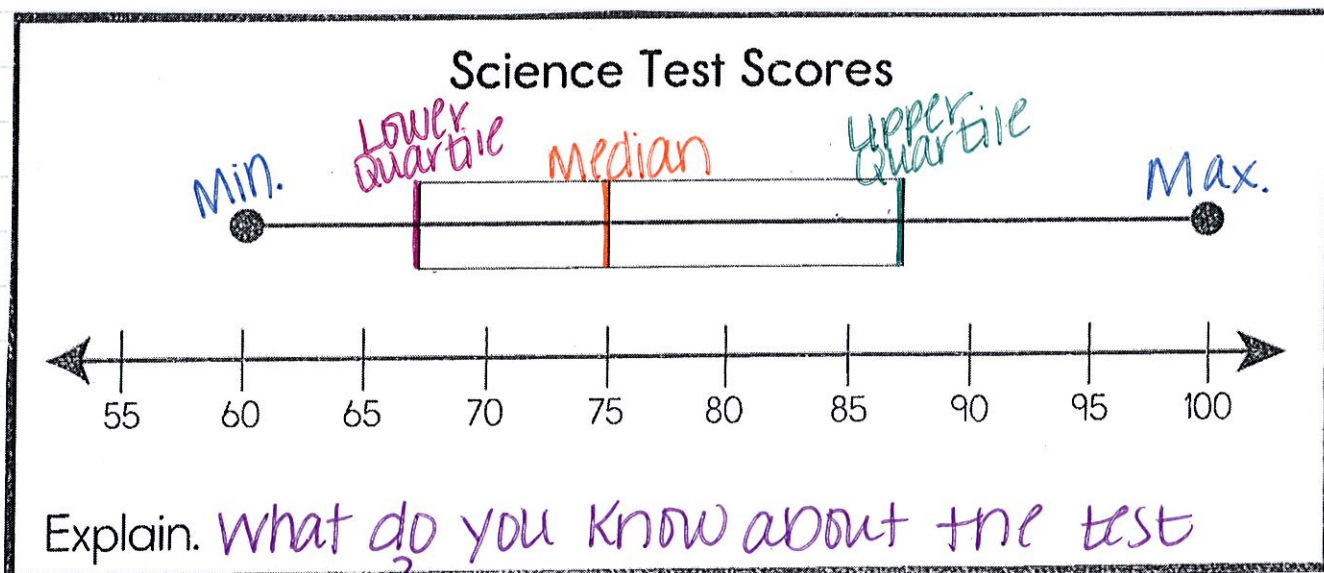


more... Box Plots

Directions: Label the minimum, maximum, median, upper and lower quartiles.



Explain. What do you know about the test scores?

On the science test the lowest score was a 60 and the highest was a 100. A "typical" test score was a 75 and most scores fell between a 67 and an 87.

Homework:

- Create a stem-and-leaf plot and a box plot for the following data set: 45, 47, 52, 85, 46, 32, 83, 80, 75
- Given a set of data: 265, 263, 269, 259, 267, 264, 253, 275, 264, 260, 273, 257, and 291.
 - Find the mean.
 - Find the median, upper and lower quartile.
 - Find the range.
 - Make a box plot for this data.

1.

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

2.

25	8 7 9
26	0 3 4 5 9
27	3 8
28	
29	x

a) Sum = 3460
 $3460 \div 13 = 304$

b) Median = 264
 LQ = 259.5 UQ = 271

c) $291 - 253 = 38$

