

Mean and Median

Materials:

Computer with internet access

Link: <http://illuminations.nctm.org/ActivityDetail.aspx?ID=160>

Use the applet to investigate the mean, median, and box-and-whisker plot for a set of data that you create. The data set may contain up to 15 integers, each with a value from 0 to 100.

Read through the instructions. Practice adding data.

Read, complete and print the exploration for data sets A, B, and C.

Answer the following questions:

How are these sets different from one another?

How are these sets alike?

Are there other data sets with 6 points, a mean of 50, and a median of 50 that look different from the three you've created?

MA.6.S.6.1
NA.7.S.6.2
NA.8.S.3.2