

4, 7, 5, 3, 12, 6, 5

lower data set upper data set
3, 4, 5, 6, 7, 12
LQ=4 median UQ=7

Step 1: Order the data from least to greatest.

Step 2: Find the median, find the Lower Quartile (LQ), find the Upper Quartile (UQ), find the least value (LV), find the greatest value (GV).

Step 3: Graph these values ABOVE the number line.

Step 4: Draw a vertical line through the LQ and UQ as endpoints and box in the median.

Step 5: Draw a vertical line through the median value.

Step 6: Graph the LV and GV and connect them to the LQ and UQ.

