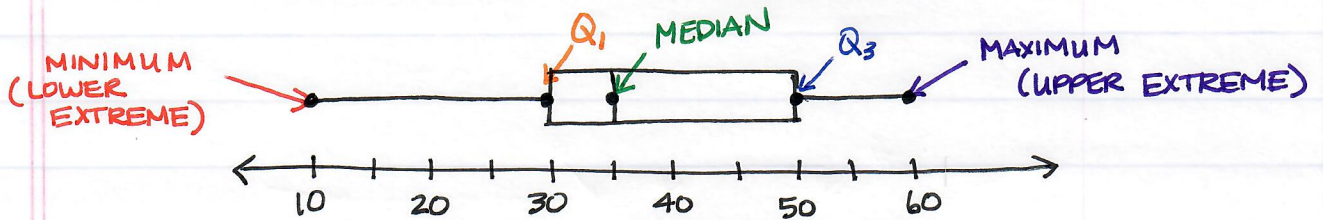


BOX PLOTS

DEF

A BOX PLOT (AKA BOX AND WHISKER PLOT) USES A NUMBER LINE TO SHOW HOW DATA IS DISTRIBUTED.



EACH SECTION REPRESENTS 25% OF THE DATA. A LARGE SECTION MEANS THE DATA IS SPREAD OUT. A SMALL SECTION MEANS DATA IS CLOSE TOGETHER. THE BOX IN THE MIDDLE REPRESENTS THE MIDDLE 50% OF THE DATA.



EXAMPLE: THE LIST BELOW SHOWS THE NUMBER OF MODEL AIRPLANES OWNED BY THE MEMBERS OF THE AVIATION CLUB. MAKE A BOX PLOT OF THE DATA.

MAKE SURE DATA IS IN ORDER!

6, 8, 10, 10, 10, 11, 12, 14, 16, 18, 27

OF MODEL AIRPLANES OWNED

