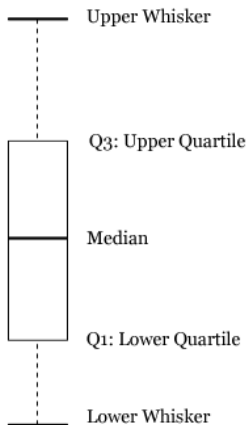
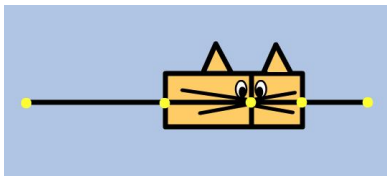


Visualizing the 5-Number Summary: Box plots

1. Excel can give us lo, q1, median, q3, hi. choose an axis and scale for your data: [6, 9, 11, 14, 18]
2. create a visual of these 5 numbers—plot with lines across
3. draw the box and whiskers



Box and Whisker Plots



Picture credit:

<https://oursland.edublogs.org/2015/02/26/hss-id-a-12-and3-box-and-whiskers-plot/>

- useful for making comparisons between subgroups using side-by-side box plots
- easy to see the middle 50% of the data in the box...
- central value (median), spread, distribution, and variability

