

A data set is a set of related numbers called data points
 A distribution is the way the data set is spread out.
 A dot plot is a way to represent distribution in graphical form.

Example 1) The heights (in inches) of each member of the girls' and boys' basketball teams at Holbrook High School are shown below.

Boys' team: 68, 69, 69, 73, 73, 74, 74, 74, 74, 76, 77, 79
 Girls' team: 65, 69, 69, 70, 70, 71, 71, 71, 71, 72, 72, 74

Boys are taller than girls.

Sketch a dot plot for each data set.

Avg. boy height $\rightarrow 74$
 Avg. girl height $\rightarrow 71$
 Boy's heights are more spread out.
 Probably no outliers
 Both sets are unimodal.

