App Development 1
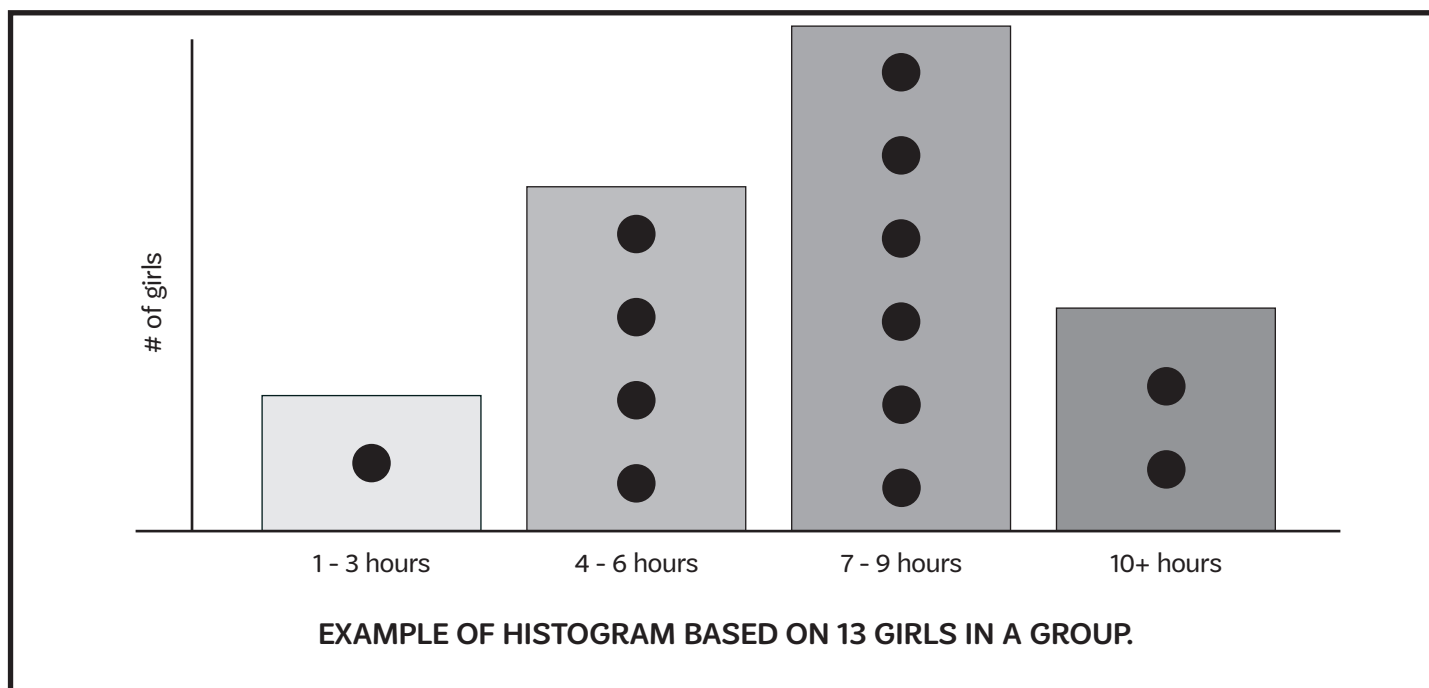
Sample Activity Tracking Bar Chart

For Step One: A histogram is a graphic that displays data as bars of different heights. The height of each bar represents numbers; the taller the bar, the higher the number. The numbers are often presented as ranges. In this example, the ranges are 1 - 3 hours, 4 - 6 hours, 7 - 9 hours, and 10+ hours.

AVERAGE HOURS OF SLEEP PER WEEK

Each dot represents data from one girl

EXAMPLE OF HISTOGRAM BASED ON 13 GIRLS IN A GROUP.

For Step Two: Here's the same set of data written as an array:

var ourSleep = [3, 6, 5, 4, 6, 7, 8, 8, 9, 7, 8, 10, 10]