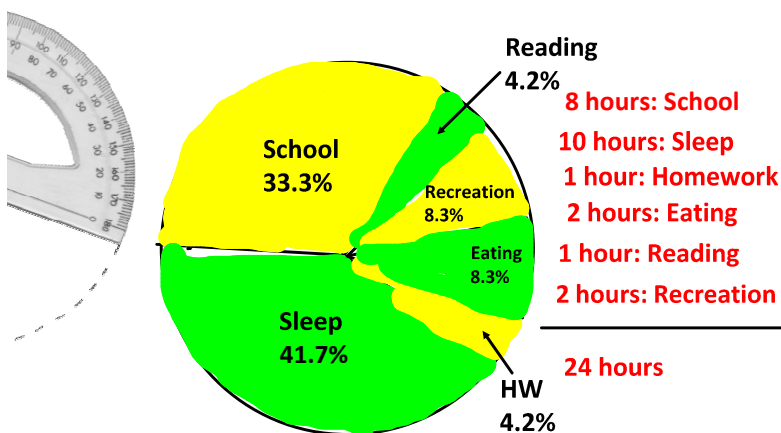


February 22nd

### Choosing an Appropriate Display

#### Statistical Displays

<b>Bar Graph</b>	shows the number of items in specific categories
<b>Circle Graph</b>	compares parts of the data to the whole
<b>Histogram</b>	shows the frequency of data that has been organized into equal intervals
<b>Line Graph</b>	shows change over a period of time
<b>Line Plot</b>	shows how many times each number occurs in the data
<b>Pictograph</b>	shows the number of items in specific categories
<b>Stem-and-Leaf Plot</b>	lists all individual numerical data in a condensed form
<b>Table</b>	may list all the data individually or by groups



$$\frac{8}{24} = 33.3\% \text{ school } \times 360^\circ = 120^\circ$$

$$\frac{10}{24} = 41.7\% \text{ sleep } \times 360^\circ = 150^\circ$$

$$\frac{1}{24} = 4.2\% \text{ homework } \times 360^\circ = 15^\circ$$

$$\frac{1}{24} = 4.2\% \text{ reading } \times 360^\circ = 15^\circ$$

$$\frac{2}{24} = 8.3\% \text{ recreation } \times 360^\circ = 30^\circ$$

$$\frac{2}{24} = 8.3\% \text{ eating } \times 360^\circ = 30^\circ$$

100%

360°

NO  
HW