

- Average = 
$$\frac{\text{Sum of observations}}{\text{Number of observations}}$$
- Sum = Average  $\times$  Number
- **Combined average**  
$$\frac{n_1a_1 + n_2a_2}{n_1 + n_2}$$
- If one value changes by  $x \rightarrow$   
Average changes by  $\frac{x}{n}$