

- Average = $\frac{\text{Sum of observations}}{\text{Number of observations}}$
- Sum = Average \times Number
- **Combined average**

$$\frac{n_1 a_1 + n_2 a_2}{n_1 + n_2}$$
- If one value changes by $x \rightarrow$
 Average changes by $\frac{x}{n}$