

קיבול חום של קלורימטר

$$C_{cal}$$

C

$$\frac{J}{K}$$

$$\frac{J}{^{\circ}C}$$

$$C_s = \frac{q}{m \cdot \Delta T}$$

$$C_s \cdot m = \frac{q}{\cancel{m \cdot \Delta T}} \cdot \cancel{m} = \frac{q}{\Delta T}$$

$$C_{cal} = \frac{q}{\Delta T}$$

$$C_s \cdot m = \frac{q}{\Delta T}$$

$$C_m \cdot n = \frac{q}{n \cdot \Delta T} \cdot n = \frac{q}{\Delta T}$$

$$C_{cal} = \frac{q}{\Delta T}$$

$$C_{cal} = C_m \cdot n$$

$$C_{cal} = C_s \cdot m$$

$$C_m = \frac{C_{cal}}{n}$$