$$\sum_{i=m}^{n} c = f(c,n,m)$$

if $\sum_{i=m}^{n} = \sum_{i=1}^{n} - \sum_{i=1}^{m-1}$ , then $\sum_{i=m}^{n} c = \sum_{i=1}^{n} c - \sum_{i=1}^{m-1} c$

$$\sum_{i=m}^{n} c = \underbrace{cn - c(m-1)}_{f(c,n,m)}$$