



$$\frac{(q-1)}{t^{L+1}}$$



$$(t-q) + \frac{(q-1)}{t^L}$$



$$(q-1) \left(1 - \frac{1}{t^{L+1}} \right)$$



$$1 + (q-1) \left(1 - \frac{1}{t^L} \right)$$

