$\qquad$

Evaluate: Series

Evaluate each series.

1) $\sum_{h=1}^{9}\left(\frac{h}{2}(h+6)\right)$
2) $\sum_{f=1}^{8}\left(4 \cdot\left(\frac{1}{2}\right)^{f-1}\right)$

3) $\sum_{k=1}^{10}\left(\frac{1}{3}+k\right)$
4) $\sum_{t=1}^{12}\left(t^{3}-10\right)$
