$\qquad$

## Evaluate: Special Series

Evaluate each series.

1) $\sum_{z=1}^{5} 5(2 z-1)^{3}$
2) $\sum_{a=1}^{24} 4 a^{3}$
3) $\sum_{w=1}^{26}\left(8 w^{2}+\quad\right.$ 1n)
4) $\quad \sum_{s=1}^{11}\left(16 s+2 s^{3}\right)$
5) $\sum_{q=1}^{14}-3 q$
