$\qquad$

## Evaluate: Special Series

Evaluate each series.

1) $\sum_{c=1}^{18}\left((2 c)^{2}-4 c\right)$
2) $\sum_{x=1}^{6}\left((2 x-1)^{3}-15 x\right)$
3) $\sum_{t=1}^{16}\left(7 t^{2}+\right.$

## D)

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7) $\sum_{w=1}^{5}\left(10 w-w^{2}\right)$
8) $\sum_{y=1}^{20} y^{2}$

