$\qquad$

## Evaluate: Special Series

Evaluate each series.

1) $\sum_{n=1}^{17}\left(n^{3}+25 n\right)$
2) $\sum_{d=1}^{23} 11(2 d-1)^{2}$
3) $\sum_{z=1}^{9}(-2 z)^{3}$

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13) 

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5) $\sum_{c=1}^{33}(3+6 c$

7) $\sum_{x=1}^{41} 17 x$
8) $\sum_{g=1}^{36}\left(g^{3}-2 g^{2}\right)$

