$\qquad$

## Evaluate: Special Series

Evaluate each series.

1) $\sum_{k=4}^{16}\left(3 k^{2}-2\right)$
2) $\sum_{q=5}^{12}\left(8+2 q^{3}\right)$


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 collection of worksheets in all subjects!5) $\sum_{p=9}^{23}(50-k$

6) $\sum_{y=11}^{27}(y(y+2))$
7) $\quad \sum_{c=6}^{14}\left(\frac{c^{3}+1}{3}\right)$
