$\qquad$

## Evaluate: Special Series

Evaluate each series.

1) $\sum_{r=10}^{25}\left(64-r^{2}\right)$
2) $\sum_{c=5}^{9}\left(\frac{3\left(\mathrm{c}^{2}+1\right)}{7}\right)$
3) $\sum_{y=8}^{31}\left(8 y+\iota, ~ \begin{array}{l}\text { Gain complete access to the largest } \\ \text { collection of worksheets in all subjects! }\end{array} \quad \begin{array}{l}\text { Members, please } \\ \text { log in to } \\ \text { download this } \\ \text { worksheet. }\end{array} \quad \begin{array}{l}\text { Not a member? } \\ \text { Please sign up to } \\ \text { gain complete } \\ \text { access. }\end{array} \quad\right.$ p)
4) $\sum_{x=7}^{21}\left(x^{3}+55\right)$
5) $\sum_{g=12}^{42}\left(10 g^{2}-17 g\right)$
