

Evaluate: Series

Evaluate each series.

1) $\sum_{y=1}^9 ((y^2 + 2)(y - 1))$

2) $\sum_{z=1}^5 (8^z - 3)$

3) $\sum_{k=1}^8 3^k$

5) $\sum_{c=1}^4 (2 - 8^c)$

7) $\sum_{p=1}^{10} (1 - p!)$

8) $\sum_{m=1}^6 \left(\frac{7 + 2m}{4!} \right) \cdot 3!$

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