Name : _____

Evaluate: Series

Evaluate each series.

1) $\displaystyle\sum_{d=1}^{7} 3(5! \cdot 2^d)$

2) $\displaystyle\sum_{y=1}^{12} \left(\frac{1-y^2}{2}\right)$

3) $\displaystyle\sum_{g=1}^{9} (2g^2 - 4$

5) $\displaystyle\sum_{t=1}^{5} (6^t \cdot t!)$ ⋯ $\cdot 2x)$

7) $\displaystyle\sum_{r=1}^{6} \frac{7^r}{2!}$

8) $\displaystyle\sum_{a=1}^{8} \left(\frac{11a-7}{3!}\right)$