Name : _____

Evaluate: Series

Evaluate each series.

1) $\displaystyle\sum_{k=1}^{11}\left(\frac{2^k+5}{4}\right)$

2) $\displaystyle\sum_{p=1}^{8}\left((3p^2-2)\cdot 3!\right)$

3) $\displaystyle\sum_{q=1}^{5} q!$

5) $\displaystyle\sum_{m=1}^{6}\left(\frac{m!}{1+m}\right)$

7) $\displaystyle\sum_{b=1}^{12}(400-b)$

8) $\displaystyle\sum_{c=1}^{7} 5^c$