$\qquad$
Expanded Sum

Rewrite each series as an expanded sum.

1) $\sum_{r=4}^{7}\left(\frac{r^{2}+1}{3}\right)$
2) $\sum_{b=1}^{6}\left(4^{b}-3\right)$


## Gain complete access to the largest

 collection of worksheets in all subjects!5) $\sum_{z=3}^{8}(3!\cdot z)$

6) $\sum_{x=1}^{4} \frac{x^{3} \sqrt{2}}{5}$
7) $\sum_{h=0}^{3}\left(\frac{10-h}{2!}\right)$
