$\qquad$

## Writing Exponential Functions

Write the exponential equation for the given description.

1. Initial value $=6$, common ratio $=2$
2. Initial value $=1$, common ratio $=.5$
3. Points $(0,7)$ and $(1,21)$
4. Points $(0,9)$ and $(1,3)$
5. Points $(0,12)$ and $(1,9)$
