## Exponents and Logarithms

A) Express each equation in logarithmic form.

1) $a^{\frac{1}{4}}=16$
2) $\mathrm{x}^{-2}=\frac{1}{9}$
3) $5^{w}=25$

4) $\log _{5} 625=m$
5) $\log _{6} 36=z$
6) $\log _{v}\left(\frac{1}{16}\right)=-4$
