## Exponents and Logarithms

A) Express each equation in logarithmic form.

1) $5^{4}=625$
2) $64^{\frac{1}{6}}=2$
3) $6^{3}=216$

4) $\log _{7} 343=3$
5) $\log _{27} 3=\frac{1}{3}$
6) $\log _{2}\left(\frac{1}{8}\right)=-3$
