Exponents and Logarithms

A) Express each equation in logarithmic form.

1) $7^2 = 49$

2) $2^7 = 128$

3) $4^4 = 256$

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4) $9^3 = 729$

5) $3^4 = 81$

6) $8^{\frac{1}{3}} = 2$

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B) Express each equation in exponential form.

1) $\log_5 625 = 4$

2) $\log_3 243 = 5$

3) $\log_4 64 = 3$

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4) $\log_{10} 1000 = 3$

5) $\log_6 36 = 2$

6) $\log_2 32 = 5$

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