Name _____ Date _____

Converting Between Logarithmic and Exponential Forms - Independent Practice Worksheet

Complete all the problems.

1. Express the exponential form in logarithmic form: $6^3 = 216$

2. Express the logarithmic form in exponential form: $\log_5 125 = 3$

3. Express the exponential form in logarithmic form: $2^4 = 16$

4. Express the logarithmic form in exponential form: $\log_6 1296 = 4$

5. Express the exponential form in logarithmic form: $7^3 = 343$

6. Express the logarithmic form in exponential form: $\log_2 128 = 7$

7. Express the exponential form in logarithmic form: $8^3 = 512$

8. Express the logarithmic form in exponential form: $\log_{11} 1331 = 3$

9. Express the exponential form in logarithmic form: $12^2 = 144$

10. Express the logarithmic form in exponential form: $\log_4 16 = 2$