

Name \_\_\_\_\_



Date \_\_\_\_\_

## Logarithms

(Answer ID # 0224036)

Express in logarithmic form.

1. $3^4 = 81$	2. $9^2 = 81$	3. $8^3 = 512$
4. $2^{-5} = \frac{1}{32}$	5. $4^{(3/2)} = 8$	6. $6^4 = 1296$
7. $6^{-3} = \frac{1}{216}$	8. $3^2 = 9$	9. $(1/3)^{-4} = 81$
10. $81^{(2/4)} = 9$	11. $3^5 = 243$	12. $81^{(1/4)} = 3$
13. $(1/2)^{-2} = 4$	14. $9^{(1/2)} = 3$	15. $7^{-3} = \frac{1}{343}$
16. $2^5 = 32$	17. $8^{-3} = \frac{1}{512}$	18. $8^{(1/3)} = 2$