

Name _____

Logarithms

Evaluate the Base 10 Logarithms.

1) $\log_{10} 10 =$ 1 because $10^1 = 10$

2) $\log_{10} 1 =$ 0 because $10^0 = 1$

3) $\log_{10} 100 =$ 2 because $10^2 = 100$

4) $\log_{10} 10000000 =$ 7 because $10^7 = 10000000$

5) $\log_{10} 0.0001 =$ -4 because $10^{-4} = 0.0001$

6) $\log_{10} 100000000 =$ 8 because $10^8 = 100000000$

7) $\log_{10} 0.00001 =$ -5 because $10^{-5} = 0.00001$

8) $\log_{10} 1000000 =$ 6 because $10^6 = 1000000$

9) $\log_{10} 0.01 =$ -2 because $10^{-2} = 0.01$

10) $\log_{10} 0.000001 =$ 6 because $10^{-6} = 0.000001$

11) $\log_{10} 10000 =$ 5 because $10^5 = 10000$

12) $\log_{10} 0.1 =$ -1 because $10^{-1} = 0.1$

13) $\log_{10} 1000 =$ 3 because $10^3 = 1000$

14) $\log_{10} 0.001 =$ -3 because $10^{-3} = 0.001$

15) $\log_{10} 10000 =$ 4 because $10^4 = 10000$