

1. What is the inverse function of $\log_{10} x$? _____

2. What is the inverse function of $\ln x$? _____

3. Solve each equation for x . Give the exact solution and a four decimal-place approximation.

a) $\log x = 1.3$

b) $\ln x = 2.1$

c) $\log 2x = 1.1$

d) $\ln(3x - 4) = 2.3$

e) $\log(2x + 1) = -0.5$

f) $\ln x = -3.7$

1. What is the inverse function of $\log_{10} x$? _____

2. What is the inverse function of $\ln x$? _____

3. Solve each equation for x . Give the exact solution and a four decimal-place approximation.

a) $\log x = 1.3$

b) $\ln x = 2.1$

c) $\log 2x = 1.1$

d) $\ln(3x - 4) = 2.3$

e) $\log(2x + 1) = -0.5$

f) $\ln x = -3.7$