

## Solving Equations Using Common and Natural Logarithms Practice

Solve each equation using common logarithms.

1.)  $8^x = 10$

2.)  $2.4^x = 20$

3.)  $1.8^{x-5} = 19.8$

4.)  $3^{5x} = 85$

5.)  $4^{2x} = 25$

Solve each equation using natural logarithms,

6.)  $6^x = 42$

7.)  $7^x = 4^{x+3}$

8.)  $1249 = 175e^{-0.04t}$

9.)  $12 = e^{0.048x}$

10.)  $8.4 = e^{t-2}$