

- C. Equations containing variables as the exponent.
- Simplify (Get base with exponent alone.)
 - Log **Both** Sides
 - Power Property
 - Solve

1. $2 + 3^x = 82$

2. $12^{x-1} - 2 = 18$ (round to 4 decimal places)

- D. Equations containing logs of variables.
- Shrink Using Properties
 - Rewrite in Exponential Form
 - Solve

1. $\log 6 - \log(3x) = -2$

2. $\log(x + 21) + \log x = 2$