

## Practice solve log, base, ln, e equations

Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each equation. Round to the tenth, if rounding is required.**

1)  $6 - 8 \log_{12} m = 6$

2)  $\log_9 (8n - 8) = -1$

3)  $2^{2k-2} = 8$

4)  $\left(\frac{1}{6}\right)^{2v} \cdot 36^{-v} = 36^{1-v}$

5)  $\ln(-4b - 8) = \ln -2b$

6)  $7 + \ln -5v = 10$

7)  $e^{3-x} = 8$

8)  $4e^x = 4$