

Pre-Calculus

Solve a logarithmic equation. Give the EXACT answer.

1. $\log x = -5$

2. $\log 3x = 7$

3. $\ln x = -8$

4. $\ln 5x = 8.5$

5. $2 \ln 3x = 18$

6. $3 \ln(x + 2) = 1.8$

7. $2 \ln(x - 1) = 4$

8. $3 \ln(x + 2) = 6$

9. $\ln \sqrt{x + 1} = 2$

10. $\ln \sqrt{x - 5} = 3$