7-6 A Practice
Form G
Natural Logarithms

Write each expression as a single natural logarithm.

1. $\ln 16 - \ln 8$

2. $3 \ln 3 + \ln 9$

3. $a \ln 4 - \ln b$

Solve each equation. Check your answers. Round your answer to the nearest hundredth.

10. $4 \ln x = -2$

15. $\ln x + \ln 3x = 14$

21. $\ln e^{x+5} = 17$

Use natural logarithms to solve each equation. Round your answer to the nearest hundredth.

28. $e^x = 15$

29. $4e^x = 10$

32. $e^{x-4} = 2$