Practice

Form G

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*



Ln 243

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

10. $4 \ln x = -2$

0,61

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

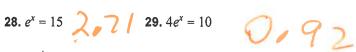
21. $\ln e^{x+5} = 17$



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

28.
$$e^x = 15$$

29.
$$4e^x = 10$$



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