

11. $2 \ln c - 5 \ln a$

12. Solve $\ln(5x + 5) = 2$.

13. Solve $\ln 2 + \ln x = 5$.

14. Solve $\ln x - \ln 6 = 0$.

Use natural logarithms to solve the equation.

15. $5e^{2x} - 4 = 6$

16. $e^x = \frac{3}{4}$

17. $e^{2x} = 1.4$

Use a table to solve. Round to the nearest hundredth.

18. $5^{8x} = 33$

19. Solve the equation $\log 3x + 5 = 3$.