

1. $e^x = 82$	2. $3(2^x) = 108$
3. $e^x + 5 = 72$	4. $5(3^{x-4}) - 8 = 102$
5. $e^{2x} - 3e^x + 2 = 0$	6. $\ln x = 3$
7. $\log_4(3x - 5) = \log_4(x - 9)$	8. $-3 + 2\ln x = 7$
9. $3\log_2 5x = 24$	10. $\log_{10} 5x + \log_{10}(x - 1) = 2$



11. $e^x = 4$	12. $3^{2x} = 80$
13. $2e^x + 5 = 61$	14. $e^{2x} + 9 = 39$
15. $e^{2x} - 4e^x - 5 = 0$	16. $\ln\sqrt{x+2} = 1$
17. $\log_4(x-25) = \log_4(2x+8)$	18. $4 + 2\ln x = 24$
19. $-2\log_5 3x = -24$	20. $\log_4 x - \log_4(x-1) = \frac{1}{2}$

