41. $\ln 5 + 2\ln x + 3\ln(x^2+5) = \ln(5x^2) + \ln(x^2+5)^3 = \ln[5x^2(x^2+5)^3]$

43. $\frac{1}{3}\log(2x+1) + \frac{1}{2}[\log(x-4) - \log(x^4-x^2-1)] =$

$$\log\sqrt[3]{2x+1} + \frac{1}{2}\log\frac{x-4}{x^4-x^2-1} = \log\left(\sqrt[3]{2x+1}\cdot\sqrt{\frac{x-4}{x^4-x^2-1}}\right)$$

45. $\log_2 7 = \frac{\log 7}{\log 2} \approx 2.807355$

47. $\log_3 11 = \frac{\log 11}{\log 3} \approx 2.182658$

49. $\log_7 3.58 = \frac{\log 3.58}{\log 7} \approx 0.655407$

51. $\log_4 322 = \frac{\log 322}{\log 4} \approx 4.165458$