

1/25/2018

Part of Practice Set #9

Answers to Evens Page 331 # 14-40 Even

14.  $\log_8 3 + \log_8 x$

34. 1.594

16.  $\ln 3 + 4 \ln x$

36. 1.486

18.  $\ln 6 + 2 \ln x - 4 \ln y$

38. 4.807

20.  $\frac{2}{3} \log_5 x + \frac{1}{3} \log_5 y$

40. -1.358

22. The 3 is with the wrong term:  
 $\ln 8x^3 = \ln 8 + 3 \ln x$

24.  $\ln 3$

26.  $\log(11x^2)$

28.  $\ln\left(\frac{64}{y^4}\right)$

30.  $\log_3 x$

32. B  
 $9 \log x - 2 \log y =$   
 $\log x^9 - \log y^2$   
 $\log\left(\frac{x^9}{y^2}\right)$