

Unit 5: Day 3 HW Selected Solutions: Alice on a Log

1. $\log 100 = 2$ because $10^2 = 100$ and
 $\log 1000 = 3$ because $10^3 = 1000$
Thus, $\log 162$ lies between 2 and 3
- 2b. $\log 10,000$ which equals 4. (10 raised to what power equals 10,000. Answer: 4)
- 2d. $\log 2000$ which is approximately 3.3.
- 2f. $\log(1/4) = -.6020$. So, Alice should drink .6020 ounces of base 10 beverage.

5.