**LT #5 Natural Logarithms**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 3.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 4.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 /12

**Evaluate or Solve for the variable: (2 pts each)**

1. Ms. Watson invests $100 into an account that earns 5% interest

compounded continuously. How many years will it take her to

*double her money*? **All work using logs must be shown for credit.**