**LT #5 Natural Logarithms**

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

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

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

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

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**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.**