## CHEM 36 General Chemistry *Quiz #1*

Name:

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1. Why is there water in the gas phase above liquid water at temperatures below 100°C?

- 2. What is the pressure of the water in the gas phase above liquid water at 100°C?
- 3. Arrange the following substances in order of *increasing* boiling point:  $H_2O$ , Ar, NaCl.

4. VERY briefly explain why the boiling points in the previous problem increase in the way that you indicated.