

Non Sibi High School

Andover's Chem 300: Accelerated/Honors Chemistry

Chapter 12, Review Quiz 1

1

Rank the compounds CaBr_2 , KI , MgS , and SiCl_4 from lowest to highest melting point.

2

State whether each of the following is a good or poor conductor of electricity in the solid state:

- a. Na_2SO_4
- b. Xe
- c. SiC
- d. Zn

3

Rank the following from lowest to highest boiling point:

CH_3NH_2 , CO , H_2 , N_2 , SiO_2

4

Predict whether each solute below will dissolve to a greater extent in carbon tetrachloride or water:

- a. H_2O_2
- b. Br_2
- c. HCN
- d. NH_4NO_3



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