Chemistry 115 Name key

Dr. Cary Willard

Quiz 1a (20 points) August 29, 2012

All work must be shown to receive credit. Give answers to the correct number of significant figures.

1. (4 points)Give the name of the elements represented by the following two elemental symbols.
   1. Na sodium
   2. P phosphorus
2. (4 points) Write the elemental symbol for each of the following elements.
   1. Copper Cu
   2. Silicon Si
3. (6 points) Perform the following conversions?
   1. Convert 6.23 mL to L
   2. Convert 9.52 kg to cg
4. (6 points) A lake holds 39,400 gallons of water. What is this volume in L? (1 qt = 946 mL, 1 gal = 4 qt)

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Quiz 1b (20 points) August 29, 2012

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1. (4 points)Give the name of the elements represented by the following two elemental symbols.
   1. Fe iron
   2. Cl chlorine
2. (4 points) Write the elemental symbol for each of the following elements.
   1. Titanium Ti
   2. Argon Si
3. (6 points) Perform the following conversions?
   1. Convert 9.47 mL to L
   2. Convert 2.06 kg to cg
4. (6 points) A lake holds 28,700 gallons of water. What is this volume in L? (1 qt = 946 mL, 1 gal = 4 qt)

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Quiz 1c (20 points) August 29, 2012

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1. (4 points)Give the name of the elements represented by the following two elemental symbols.
   1. K potassium
   2. Zn zinc
2. (4 points) Write the elemental symbol for each of the following elements.
   1. Bromine Br
   2. Helium He
3. (6 points) Perform the following conversions?
   1. Convert 9.54 kg to g
   2. Convert 8.47 mm to km
4. (6 points) A fish tank holds 8640 L of water. What is this volume in gal? (1 qt = 946 mL, 1 gal = 4 qt)

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Quiz 1d (20 points) August 29, 2012

All work must be shown to receive credit. Give answers to the correct number of significant figures.

1. (4 points)Give the name of the elements represented by the following two elemental symbols.
   1. F fluorine
   2. Mg zinc
2. (4 points) Write the elemental symbol for each of the following elements.
   1. Vanadium Br
   2. Krypton He
3. (6 points) Perform the following conversions?
   1. Convert 6.97 kg to g
   2. Convert 3.56 mm to km
4. (6 points) A fish tank holds 6270 L of water. What is this volume in gal? (1 qt = 946 mL, 1 gal = 4 qt)