Chemistry 115 Name

Dr. Cary Willard

Quiz 1A (20 points) September 2, 2009

1. (2 points) What is the elemental symbol for the element magnesium?
2. (2 points) What is the name of the element with the elemental symbol Na?
3. (4 points) Write the following measurements in correct scientific notation.
   1. 95400000 m
   2. 0.00495 sec
4. (4 points) How many significant figures are in the following numbers
   1. 9380000
   2. 0.00835200
5. (4 points) Round the following numbers to 3 significant digits.
   1. 37.852 g
   2. 9.3722 x 1025 atoms
6. (4 points) Perform the following calculations to the correct number of significant figures

Chemistry 115 Name

Dr. Cary Willard

Quiz 1B (20 points) September 2, 2009

1. (2 points) What is the elemental symbol for the element vanadium?
2. (2 points) What is the name of the element with the elemental symbol K?
3. (4 points) Write the following measurements in correct scientific notation.
   1. 402000 m
   2. 0.000743 sec
4. (4 points) How many significant figures are in the following numbers
   1. 93880000
   2. 0.0086220
5. (4 points) Round the following numbers to 3 significant digits.
   1. 95.533 g
   2. 8.63518 x 1025 atoms
6. (4 points) Perform the following calculations to the correct number of significant figures