

1. (2 points) What is the elemental symbol for the element calcium?

2. (2 points) What is the name of the element with the elemental symbol Ag?

3. (4 points) Write the following measurements in correct scientific notation.

a. 7960 m _____

b. 0.00008458 sec _____

4. (4 points) How many significant figures are in the following numbers

a. 946.3700 _____

b. 0.00365 _____

5. (4 points) Round the following numbers to 3 significant digits.

a. 48.952 g _____

b. 8.0849×10^{25} atoms _____

6. (4 points) Perform the following calculations to the correct number of significant figures

a. $478.349 + 705.8 =$

b. $0.5224 \times \frac{8.613}{0.560} =$

1. (2 points) What is the elemental symbol for the element beryllium?

2. (2 points) What is the name of the element with the elemental symbol Au?

3. (4 points) Write the following measurements in correct scientific notation.

a. 884200 m _____

b. 0.000000543 sec _____

4. (4 points) How many significant figures are in the following numbers

a. 6.010 _____

b. 0.00018871 _____

5. (4 points) Round the following numbers to 3 significant digits.

a. 11.973 g _____

b. 4.611×10^{25} atoms _____

6. (4 points) Perform the following calculations to the correct number of significant figures

a. $610.849 + 872.8 =$

b. $0.59221 \times \frac{8.613}{0.830} =$