

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

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

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

a. 7944000 m _____

b. 0.00458 sec _____

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

a. 87.3700 _____

b. 0.005109 _____

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

a. 67.952 g _____

b. 8.85299×10^{25} atoms _____

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

a. $464.349 + 782.8 =$

b. $0.53054 \times \frac{8.613}{0.380} =$

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

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

3. (4 points) Write the following measurements in correct scientific notation.
 - a. 8842000000 m _____
 - b. 0.000000711 sec _____

4. (4 points) How many significant figures are in the following numbers
 - a. 6.5300 _____
 - b. 0.00193 _____

5. (4 points) Round the following numbers to 3 significant digits.
 - a. 31.973 g _____
 - b. 8.4232×10^{25} atoms _____

6. (4 points) Perform the following calculations to the correct number of significant figures
 - a. $647.849 + 582.8 =$
 - b. $0.54221 \times \frac{8.613}{0.580} =$