

## Percent Composition Worksheet

Find the percent compositions of all of the elements in the following compounds:



Cu: \_\_\_\_\_

Br: \_\_\_\_\_

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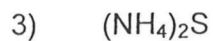


Na: \_\_\_\_\_

O: \_\_\_\_\_

H: \_\_\_\_\_

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N: \_\_\_\_\_

H: \_\_\_\_\_

S: \_\_\_\_\_

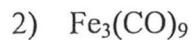
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N: \_\_\_\_\_

S: \_\_\_\_\_

Determine the empirical formula for the following:



9) Determine the molecular formula of a compound that has the empirical formula of  $\text{NH}_2$  and a molecular mass of 32.06 amu.

10) A compound was found to be made up of 68.4g chromium and 31.6g oxygen. What is the empirical formula of this compound?

11) The percent composition of a compound was found to be 63.5% silver, 8.2% nitrogen and 28.3% oxygen. Determine the compound's empirical formula.