

Name _____

Date _____ Block _____

Percent Composition Worksheet II

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



Cu: _____

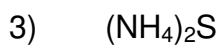
Br: _____



Na: _____

O: _____

H: _____



N: _____

H: _____

S: _____



N: _____

S: _____

5) KMnO_4

K: _____

Mn: _____

O: _____

6) HCl

H: _____

Cl: _____

7) $\text{Mg}(\text{NO}_3)_2$

Mg: _____

N: _____

O: _____

8) $(\text{NH}_4)_3\text{PO}_4$

N: _____

H: _____

O: _____

P: _____

9) $\text{Al}_2(\text{SO}_4)_3$

Al: _____

S: _____

O: _____

Percent Composition Worksheet - Solutions

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



Copper (II) Bromide

Cu: **28.45%**

Br: **71.55%**

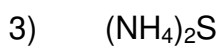


Sodium Hydroxide

Na: **57.48%**

O: **39.99%**

H: **2.53%**



Ammonium Sulfide

N: **41.1%**

H: **11.8%**

S: **47.1%**



Dinitrogen disulfide

N: **30.4%**

S: **69.6%**



Potassium permanganate

K: **25%**

Mn: **35%**

O : **40%**

6) HCl

H: 3%

Cl: 97%

7) $\text{Mg}(\text{NO}_3)_2$

Mg: 16%

N: 19%

O: 65%

8) $(\text{NH}_4)_3\text{PO}_4$

N: 28%

H: 8%

O: 43%

P: 21%

8) $\text{Al}_2(\text{SO}_4)_3$

Al: 16%

S: 28%

O: 56%