**Percent Composition Practice**

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

1) CuBr2

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

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

2) NaOH

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

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

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

3) (NH4)2S

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

H: ­­­\_\_\_\_\_\_\_\_\_\_\_

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

4) N2S2

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

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

**Percent Composition Practice**

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

5) KMnO4

K: \_\_\_\_\_\_\_\_\_\_\_

Mn: \_\_\_\_\_\_\_\_\_\_\_

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

6) HCl

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

Cl: \_\_\_\_\_\_\_\_\_\_\_

7) Mg(NO3)2

Mg: \_\_\_\_\_\_\_\_\_\_\_

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

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

7) (NH4)3PO4

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

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

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

P: \_\_\_\_\_\_\_\_\_\_\_

8) Al2(SO4)3

Al: \_\_\_\_\_\_\_\_\_\_\_

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

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

**Percent Composition Worksheet – Answer Key**

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

1) CuBr2

Cu: **28.4%**

Br: **71.6%**

2) NaOH

Na: **57.5%**

O: **40.0%**

H: **2.5%**

3) (NH4)2S

N: **41.1%**

H: **­­­11.8%**

S: **47.1%**

4) N2S2

N: **30.4%**

S: **69.6%**

5) KMnO4

K: 25%

Mn: 35%

O : 40%

6) HCl

H: 3%

Cl: 97%

7) Mg(NO3)2

Mg: 16%

N: 19%

O: 65%

8) (NH4)3PO4

N: 28%

H: 8%

O: 43%

P: 21%

8) Al2(SO4)3

Al: 16%

S: 28%

O: 56%