Practice Problems Section 2.8

1) The correct name for K2S is \_\_\_\_\_\_\_\_\_\_.

A) potassium sulfate

B) potassium disulfide

C) potassium bisulfide

D) potassium sulfide

E) dipotassium sulfate

2) The correct name for Al2O3is \_\_\_\_\_\_\_\_\_\_.

A) aluminum oxide

B) dialuminum oxide

C) dialuminum trioxide

D) aluminum hydroxide

E) aluminum trioxide

3) The correct name for CCl4is \_\_\_\_\_\_\_\_\_\_.

A) carbon chloride

B) carbon tetrachlorate

C) carbon perchlorate

D) carbon tetrachloride

E) carbon chlorate

4) The correct name for N2O5 is \_\_\_\_\_\_\_\_\_\_.

A) nitrous oxide

B) nitrogen pentoxide

C) dinitrogen pentoxide

D) nitric oxide

E) nitrogen oxide

5) The correct name for H2CO3 is \_\_\_\_\_\_\_\_\_\_.

A) carbonous acid

B) hydrocarbonate

C) carbonic acid

D) carbohydrate

E) carbohydric acid

6) The correct name for H2SO3 is \_\_\_\_\_\_\_\_\_\_.

A) sulfuric acid

B) sulfurous acid

C) hydrosulfuric acid

D) hydrosulfic acid

E) sulfur hydroxide

7) The correct formula for molybdenum(IV) hypochlorite is \_\_\_\_\_\_\_\_\_\_.

A) Mo(ClO3)4

B) Mo(ClO)4

C) Mo(ClO2)4

D) Mo(ClO4)4

E) MoCl4

8) The correct formula of iron(III) bromide is \_\_\_\_\_\_\_\_\_\_.

A) FeBr2

B) FeBr3

C) FeBr

D) Fe3Br3

E) Fe3Br

9) The formula of ammonium carbonate is \_\_\_\_\_\_\_\_\_\_.

A) (NH4)2CO3

B) NH4CO2

C) (NH3)2CO2

D) (NH3)2CO2

E) N2(CO3)3

10) The name of the ionic compound V2O3 is \_\_\_\_\_\_\_\_\_\_.

A) vanadium(III) oxide

B) vanadium oxide

C) vanadium(II) oxide

D) vanadium(III) trioxide

E) divanadium trioxide