

1. Give the name of the following acids:

H_2SO_4 (aq) _____

HF (aq) _____

H_2CO_3 (aq) _____

H_2S (aq) _____

HNO_3 (aq) _____

2. Give the correct chemical formula for the following acids.

hydroselenic acid _____ carbonic acid _____

hydrochloric acid _____ chloric acid _____

hydronitric acid _____ sulfuric acid _____

3. Give the name or write the chemical formula for the following bases.

calcium hydroxide _____ CuOH _____

lead (IV) hydroxide _____ Ba(OH)_2 _____

iron (III) hydroxide _____ Ni(OH)_3 _____

4. Predict the products for the following neutralization reactions. Then write the balanced chemical equation. (Challenge question)

