

Neutralization Reactions Worksheet

I. Write the completed neutralization reaction for the following reactants.

1. carbonic acid and strontium hydroxide
2. perchloric acid and sodium hydroxide
3. hydrobromic acid and barium hydroxide
4. sodium bicarbonate and sulfuric acid
5. zinc hydroxide and hydrochloric acid
6. aluminum hydroxide and permanganic acid

II. For each of the following salts, tell which acid and based formed it.

Salt	Acid	Base
$\text{Zn}(\text{NO}_3)_2$		
$\text{Al}(\text{ClO})_3$		
NaCl		
$\text{Ca}_3(\text{PO}_4)_2$		
$(\text{NH}_4)_2\text{C}_2\text{O}_4$		

III. Give the formula and the name for the salt produced from the following acids and bases.

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| 1. nitric acid and sodium hydroxide | salt name: | salt formula: |
| 2. hydroiodic acid and calcium hydroxide | salt name: | salt formula: |
| 3. magnesium hydroxide and thiosulfic acid | salt name: | salt formula: |
| 4. ammonium hydroxide and tartaric acid | salt name: | salt formula: |
| 5. barium hydroxide and sulfuric acid | salt name: | salt formula: |
| 6. hypochlorous acid and rubidium hydroxide | salt name: | salt formula: |
| 7. calcium hydroxide and oxalic acid | salt name: | salt formula: |