Sci 10 Acid and Base Practice Quiz Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Name the following acids:**
2. HCl
3. HF
4. HClO2
5. H2SO3
6. **Name the following bases:**
7. Na2CO3
8. KOH
9. NH4OH
10. **Write the formula for the following:**
11. Sulfurous acid
12. Phosphoric acid
13. What color would you expect methyl orange to be in a solution of pH 5?
14. In an unknown substance, both bromothymol blue and methyl red were yellow. What pH would you expect it to have?
15. In testing an unknown substance, you found it showed no reaction to magnesium metal and it felt slippery. Would you expect it to be basic or acidic?
16. Complete and Balance the following neutralization reactions:
17. H2SO4 + KOH 🡪
18. HCl + Ba(OH)2 🡪
19. Nitric acid + calcium hydroxide 🡪
20. Classify the following as a metal oxide or a non-metal oxide:

Na2O ClO

CaO Li2O