

### Using the Solubility of Common Compounds Chart

Determine the solubility of the following compounds (answers will either be *soluble* or *low solubility*):

1. HCl            S
2. CaCl<sub>2</sub>        S
3. LiNO<sub>3</sub>        S
4. CuCl          LS
5. PbSO<sub>4</sub>        LS
6. Na<sub>3</sub>PO<sub>4</sub>      S
7. Fe(OH)<sub>3</sub>     LS
8. (NH<sub>4</sub>)<sub>2</sub>S      S
9. BaBr<sub>2</sub>        S
10. H<sub>3</sub>PO<sub>4</sub>      S
11. Hg<sub>2</sub>Cl<sub>2</sub>     S
12. Li<sub>2</sub>S          S
13. CuS          LS
14. AgCH<sub>3</sub>COO S
15. MgSO<sub>3</sub>      LS
16. CaCO<sub>3</sub>      LS
17. K<sub>2</sub>SO<sub>4</sub>      S
18. HNO<sub>3</sub>        S
19. FrBr         S
20. Ammonium phosphate S
21. Silver iodide    LS
22. Copper (II) nitrate S
23. Cesium sulfide    S
24. Lead (II) acetate S
25. Strontium sulfate LS