

Solubility Rules

Name: _____

Directions: Write the formula or name for the following compounds. Then, determine whether the compound is soluble or insoluble in water, and the rule that it fits under.

	Name	Formula	Soluble or Insoluble?	Rule #?
1)	Sodium Chloride			
2)	Barium Sulfate			
3)	Calcium Carbonate			
4)		LiNO_3		
5)		AgCl		
6)		SrI_2		
7)	Magnesium Hydroxide			
8)		$\text{Pb}(\text{NO}_3)_2$		
9)	Ammonium Sulfide			
10)		Na_3PO_4		
11)	Magnesium Acetate			
12)		CaS		
13)	Barium Sulfate			
14)				
15)	Aluminum Phosphate			
16)	Calcium Bromide			
17)		$\text{Sr}(\text{C}_2\text{H}_3\text{O}_2)_2$		
18)		$\text{Al}_2(\text{CrO}_4)_3$		
19)	Ammonium Iodide			
20)		Na_2CrO_4		