SOLUBILITY RULES CHART

	GROUP I ALKALI METALS			GROUP II ALKALINE EARTH METALS			TRANSITION METALS					POST-TRANSITION METALS	
	Ammonium (NH_4^+)	Lithium (Li^+)	Sodium (Na^+)	Potassium (K^+)	Magnesium (Mg^{2+})	Calcium (Ca^{2+})	Barium (Ba^{2+})	Iron (II) (Fe^{2+})	Iron (III) (Fe^{3+})	Copper (II) (Cu^{2+})	Silver (Ag^+)	Zinc (Zn^{2+})	Lead (II) (Pb^{2+})	Aluminum (Al^{3+})
Fluoride (F^-)	SOLUBLE	SLIGHTLY SOLUBLE	SOLUBLE	SOLUBLE	INSOLUBLE	INSOLUBLE	SLIGHTLY SOLUBLE	SLIGHTLY SOLUBLE	SLIGHTLY SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	INSOLUBLE	SLIGHTLY SOLUBLE
Chloride (Cl^-)	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	INSOLUBLE	SOLUBLE	INSOLUBLE	SOLUBLE
Bromide (Br^-)	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	INSOLUBLE	SOLUBLE	SLIGHTLY SOLUBLE	SOLUBLE
Iodide (I^-)	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE			INSOLUBLE		INSOLUBLE	SOLUBLE
Chlorate (ClO_3^-)	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE		SOLUBLE		SOLUBLE		SOLUBLE	SOLUBLE
Hydroxide (OH^-)		SOLUBLE	SOLUBLE	SOLUBLE	INSOLUBLE	SLIGHTLY SOLUBLE	SOLUBLE	INSOLUBLE	INSOLUBLE	INSOLUBLE	SLIGHTLY SOLUBLE	INSOLUBLE	INSOLUBLE	INSOLUBLE
Sulfite (SO_3^{2-})	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	INSOLUBLE	INSOLUBLE				INSOLUBLE	INSOLUBLE	INSOLUBLE	
Sulfate (SO_4^{2-})	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SLIGHTLY SOLUBLE	INSOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SLIGHTLY SOLUBLE	SOLUBLE	INSOLUBLE	SOLUBLE
Carbonate (CO_3^{2-})	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	INSOLUBLE	INSOLUBLE	INSOLUBLE	INSOLUBLE		INSOLUBLE	INSOLUBLE	INSOLUBLE	INSOLUBLE	
Nitrite (NO_2^-)	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE				INSOLUBLE		SOLUBLE	
Nitrate (NO_3^-)	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE	SOLUBLE
Phosphate (PO_4^{3-})	SOLUBLE	INSOLUBLE	SOLUBLE	SOLUBLE	INSOLUBLE	INSOLUBLE	INSOLUBLE	INSOLUBLE	INSOLUBLE	INSOLUBLE	INSOLUBLE	INSOLUBLE	INSOLUBLE	INSOLUBLE

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LIVEWORKSHEETS