Solubility Chart

lons	Acetate	Bromide	Carbonate	Chlorate	Chloride	Huorida	Hydrogen Carbonate	Hydroxide	lodide	Nitrate	Nitrite	Phosphate	Sulfate	Sulfide	Sulfite
Aluminum	3	aq		aq	aq	5		s.	-	aq	1	5	aq	-	
Ammonium	aq	aq	aq	aq	aq	aq	aq	-	aq	aq	aq	aq	aq	aq	aq
Barium	aq	aq	s	aq	aq	s		aq	aq	aq	aq	5	s	-	s
Calcium	aq	aq	5	aq	aq	s		s	aq	aq	aq	\$	s	-	5
Cobalt(II)	aq	aq	s	aq	aq	-		ŝ	aq	aq		\$	aq	s	s
Copper(I)	aq	aq	5	aq	aq	aq		s		aq		5	aq	s	
Iron(II)	зq	aq	8		aq	\$		5	aq	aq		\$	aq	\$	s
iron(III)	-	aq		1	aq	5		8	aq	aq		\$	aq	-	
Lead(I)	aq	s	s	aq	s	s		8	5	aq	aq	\$	s	5	s
Lithium	aq	aq	aq	aq	əq	aq	aq	aq	aq	aq	aq	\$	aq	aq	aq
Magnesium	aq	aq	8	aq	aq	s		8	aq	aq	aq	3	aq	-	aq
Nickel	aq	aq	\$	aq	aq	aq		8	aq	aq		\$	aq	s	s
Potassium	aq	aq	aq	aq	эq	aq	aq	aq	aq	aq	aq	aq	aq	aq	aq
Silver	ŝ.	s	\$	aq	s	aq			8	aq	8	\$	\$	\$	\$
Sodium	aq	aq	aq	aq	aq	aq	aq	ъq	aq	aq	aq	aq	aq	aq	aq
Zinc	aq	aq	5	aq	aq	33		8	aq	aq		5	aq	s	s

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Rules:

Find the section of the chart where your two ions intersect.

If you find 's' that means the products are solid and a precipitate will form. If you find 'aq' that means the products are aqueous and a precipitate will not form.