Activity Series Chart

Metals

Non-Metals

	Name	Symbol	Name	Symbol
Most Active	Lithium	Li	Fluorine	F
	Potassium	K	Chlorine	Cl
	Barium	Ba	Bromine	Br
	Strontium	Sr	Iodine	I
	Calcium	Ca		
	Sodium	Na		
	Magnesium	Mg		
	Aluminum	Al		
	Manganese	Mn		
	Zinc	Zn		
	Iron	Fe		
	Cadmium	Cd		
	Cobalt	Co		
	Nickel	Ni		
	Tin	Sn		
	Lead	Pb		
	Hydrogen	H		
	Copper	Cu		
	Silver	Ag		
	Mercury	Hg		
Least Active	Gold	Au		

You do NOT need to memorize this chart!
If you need this information it will be provided to you on any exams. If you are not provided this information then you can assume the reaction takes place.

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Elements CANNOT replace anything ABOVE them.
The reaction DOES NOT OCCUR in this situation.

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Examples: $ZnCl_2 + Mg \rightarrow MgCl_2$

Magnesium is above Zinc so the reaction happens

$ZnCl_2 + Cu \rightarrow$ No Reaction

Copper is below Zinc so no reaction happens