

Activity Series

A chart showing the energy required to break a bond that forms a compound.

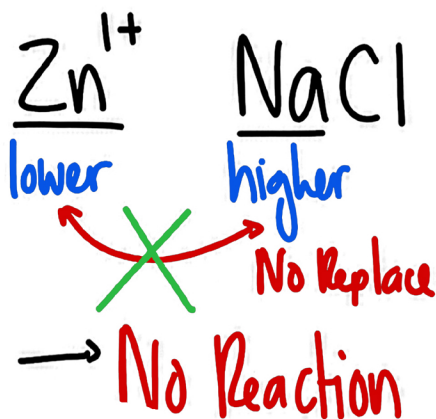
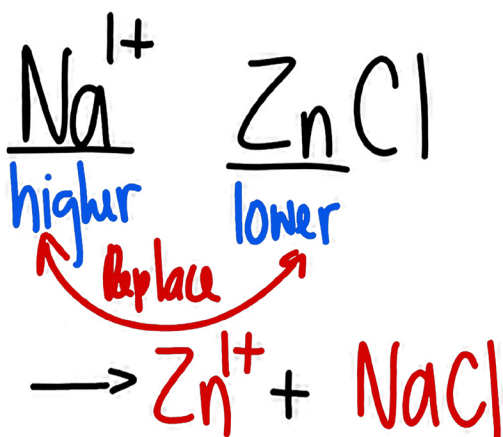


* Dissolved In (Ionize, form ions) * Acid * No Reaction

Activity Series		
water	Reacts w/ acid	N/R*
K ↓	Al ↓	H
Na ↓	Mn ↓	Sb
Li ↓	Zn ↓	Bi
Ba ↓	Cr ↓	Cu
Sr ↓	Fe ↓	Hg
Ca ↓	Cd ↓	Ag
Mg ↓	Co ↓	Au
	Ni ↓	Pt
	Sn ↓	
	Pb ↓	

Single Replacement Reaction

A more active metal replaces a less active metal. $A + BC \rightarrow AC + B$



Single Replacement Reaction $A + BC \rightarrow AC + B$

