

## Single Replacement Reactions

### Single Replacement Reaction

A chemical reaction where a more *active* element replaces another in a chemical reaction

### Chemical Activity

A ranking of elements based on their ability to replacement another in a single replacement reaction.

Most	K Na Li Ba Sr Ca Mg Al Mn Zn Cr Fe Cd Co Ni Sn Pb H	Least
Active	H Sb Bi Cu Hg Ag Au Pt	Active

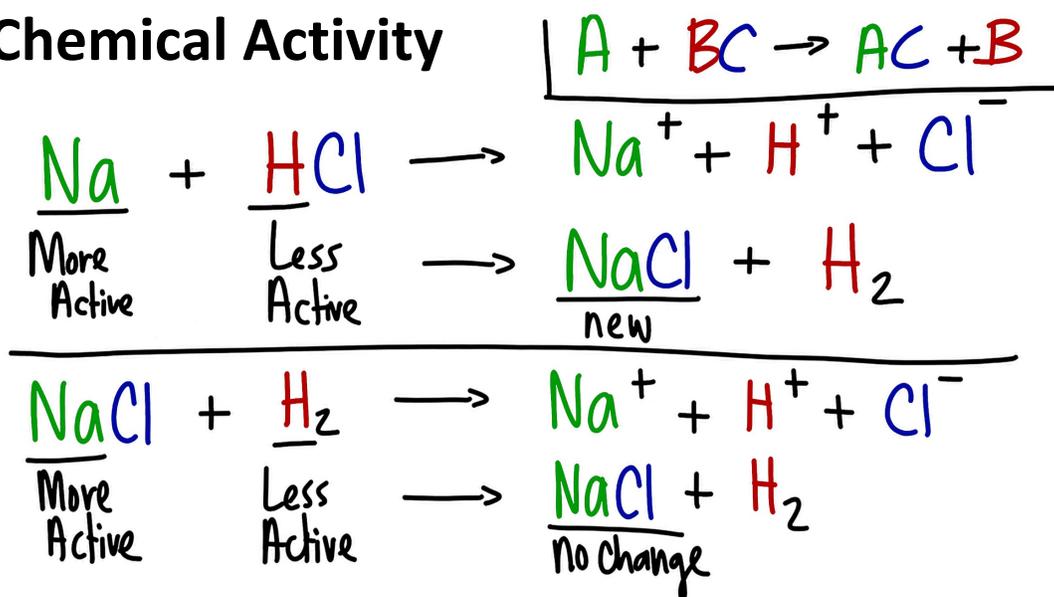
### SR Reaction



Reactant A  Single More Active Element	Reactant BC  Ionic Compound or Acid
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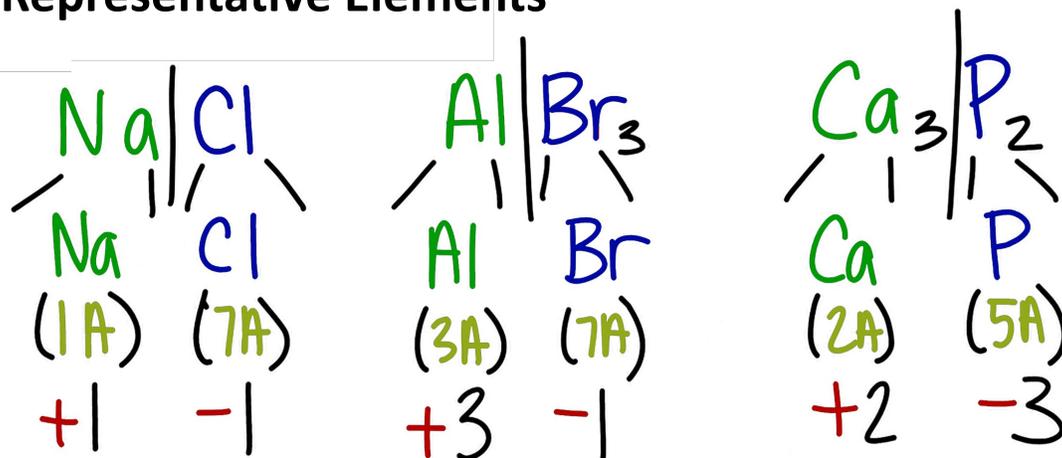
### Chemical Activity



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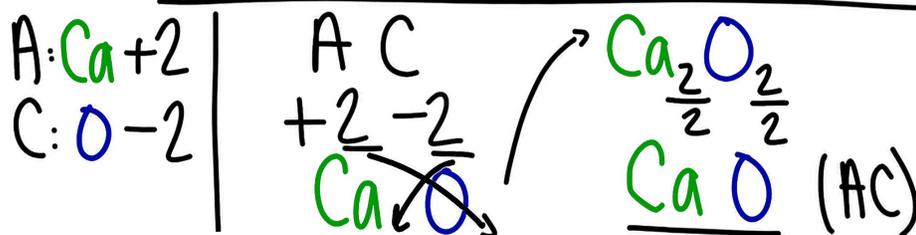
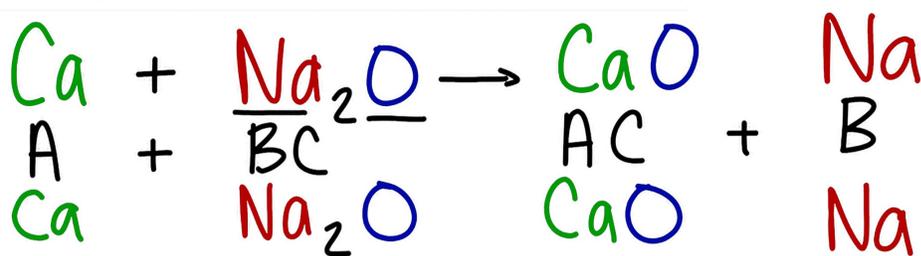
## Determining Charges

### Representative Elements



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