

Predicting Single Replacement Reactions

An Activity Series

A useful tool for determining whether a chemical reaction will take place and for determining the result of a single replacement reaction.

**Most
active**



**Least
active**

**Lithium
Rubidium
Potassium
Calcium
Sodium
Manganese
Zinc
Iron
Nickel
Tin
Lead
Copper
Silver
Platinum
Gold**

**best
giver**

**worst
giver**

**Most
active**



**Least
active**

**Fluorine
Chlorine
Bromine
Iodine**

**best
taker**

**worst
taker**

Most active



Least active

Lithium
Rubidium
Potassium
Calcium
Sodium
Manganese
Zinc
Iron
Nickel
Tin
Lead
Copper
Silver
Platinum
Gold

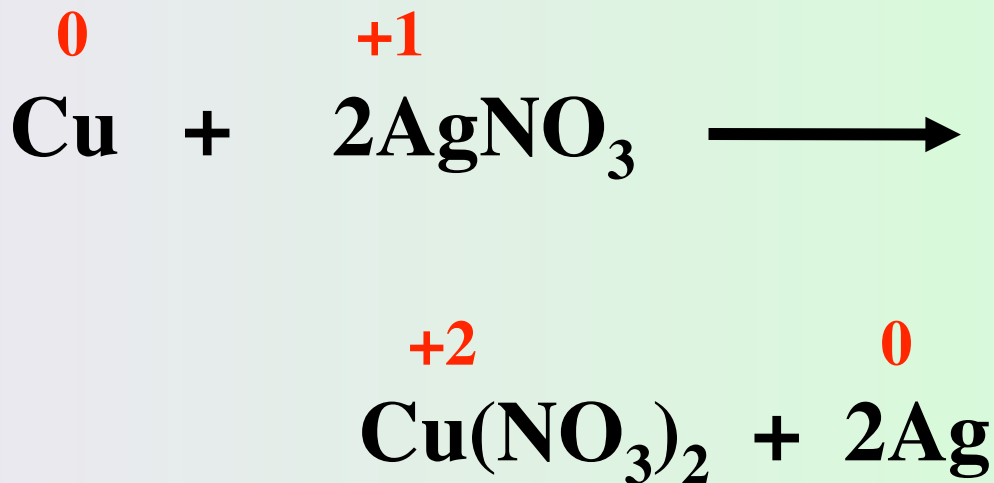


Most active



Least active

Fluorine
Chlorine
Bromine
Iodine



Most active



Least active

Lithium
Rubidium
Potassium
Calcium
Sodium
Manganese
Zinc
Iron
Nickel
Tin
Lead
Copper
Silver
Platinum
Gold

Most active



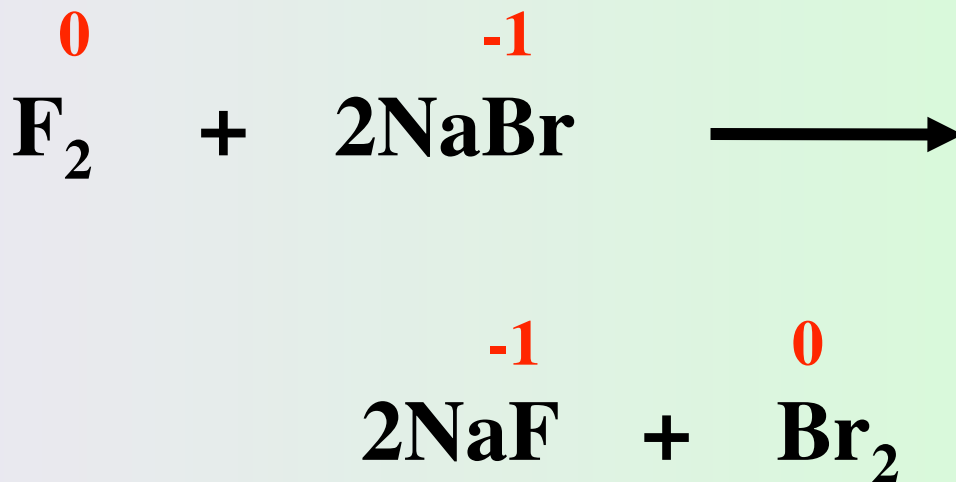
Least active

Fluorine

Chlorine

Bromine

Iodine



Most active



Least active

Lithium
Rubidium
Potassium
Calcium
Sodium
Manganese
Zinc
Iron
Nickel
Tin
Lead
Copper
Silver
Platinum
Gold



Most active



Least active

Fluorine
Chlorine
Bromine
Iodine



No reaction

