

Activity Series of Metals

Metal	Reactivity
Lithium	displaces H ₂ gas from water, steam and acids and forms hydroxides
Potassium	
Strontium	
Calcium	
Sodium	
Magnesium	displaces H ₂ gas from steam and acids and forms hydroxides
Aluminum	
Zinc	
Chromium	
Iron	displaces H ₂ gas from acids only and forms hydroxides
Cadmium	
Cobalt	
Nickel	
Tin	
Lead	
Hydrogen gas	
Antimony	combines with O ₂ to form oxides and cannot displace H ₂
Arsenic	
Bismuth	
Copper	
Mercury	found free in nature, oxides decompose with heating
Silver	
Palladium	
Platinum	
Gold	

Activity Series of Halogens

Fluorine
Chlorine
Bromine
Iodine