Activity Series of Metals

lithium
potassium
strontium ← will replace hydrogen in cold water to yield a hydroxide
calcium
sodium

magnesium
aluminum
zinc
chromium
iron
cadmium ← will replace hydrogen in a strong acids to yield a salt
cobalt
nickel
tin
lead

HYDROGEN

antimony
arsenic
bismuth
copper
mercury

silver
paladium
platinum
gold

Activity Series of Halogens

$F_{2(g)}$ or $F_{2(aq)}$

$Cl_{2(g)}$ or $Cl_{2(aq)}$

$Br_{2(l)}$ or $Br_{2(aq)}$

$I_{2(s)}$ or $I_{2(aq)}$