



Shiny: Silver (Ag)

Malleable: can be hammered or rolled into flat

sheets and other shapes

Ex. gold

<u>Ductile</u>: can be pulled out, or drawn, into a long

wire. Ex. Copper (Cu) wiring

Conductivity: ability of an object to

transfer heat or electricity to another object

Magnetic: Most metals are attracted to magnets; some metals are magnetic themselves such as Iron (Fe), Cobalt (Co) and Nickel (Ni)

<u>Solid at Room Temperature</u>: *except* Mercury (Hg), which is liquid at room temperature



Properties of Nonmetals

Physical States:



Solid at Room Temperature: Carbon (C) – charcoal

lodine (I) Sulfur (S)



<u>Liquid</u> at Room Temperature: Bromine (Br)

Gas at Room Temperature: 10 total

Oxygen (O) and Nitrogen (N) make up most of

the air we breathe

Properties of Nonmetals

<u>Dull</u>: Solid Nonmetals are dull, *not* shiny <u>Brittle</u>: Solid Nonmetals are brittle, *not* malleable or ductile

Low Density: Will float if density is less than 1 g/cm³

<u>Poor Conductors</u>: Will not transfer heat or

electricity easily