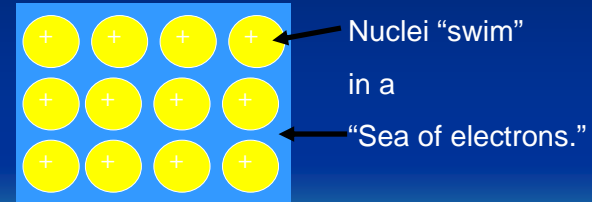


Metallic Bonds - Bonds Between Metals

- They are _____ the same as ionic bonds
- But both involve _____

Properties of Metallic Bonds

- Involve _____ – a spreading around of free electrons



Because of the delocalized electrons, metals ...

- _____ in melting points.
- Are _____ – can be hammered into sheets
- Are _____ – can be drawn into wire
- Good _____ (solid)
- Form _____ – mixtures of elements that have _____ properties

Naming Metallic Bonds

- Metallic bonds are named for the metals in the _____ or are given a _____ name.
- Examples:
- A mixture of copper and zinc is called _____
- A mixture of tin and lead is called _____
- A mixture of silver and copper is _____