

Metals:

Alkali metals: Most reactive metals.

Have 1 valence electron

Alkaline earth metals: Good conductors of electricity.

Transition metals: hard, shiny, good conductors of electricity.

Nonmetals:

Most nonmetals are poor conductors of electricity and heat and are reactive with other elements.

Solid nonmetals are dull and brittle.

Ex: sulfur

Metalloids: Have some characteristics of both metals and nonmetals. They are brittle, hard, and somewhat reactive.

Halogens: are salt forming and are very reactive.

Noble gases: usually unreactive. Have 8 valence electrons.