

Metals, Nonmetals, Metalloids

Color the Periodic table to represent the location of metals, nonmetals and metalloids. Cut out the boxes below and sort on the graphic organizer like the final product in your notebook.

Good thermal conductor	Ductile	Malleable
Poor thermal conductor	Lustrous (shiny)	Gas or does not react with other elements
Conducts heat under some conditions	Brittle	Solid at room temperature
Good electrical conductor	Left side of the table	Reactive
Poor electrical conductor	Right side of the table	Corrosive
Semiconductors	Along line on the table	Dull

24 Mg Magnesium 24.31	35 Cl Chlorine 35.45	1 H Hydrogen 1.01	27 Al Aluminum 26.98	40 Ar Argon 39.95
31 P Phosphorus 30.97	52 Sn Tin 118.71	39 K Potassium 39.10	7 Li Lithium 6.94	12 C Carbon 12.01

After completing the activity, answer these questions in your notebook.

1. What are the majority of elements classified as?
2. Are you surprised? Why or why not?