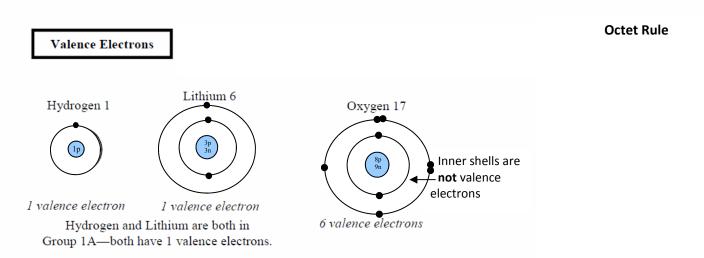
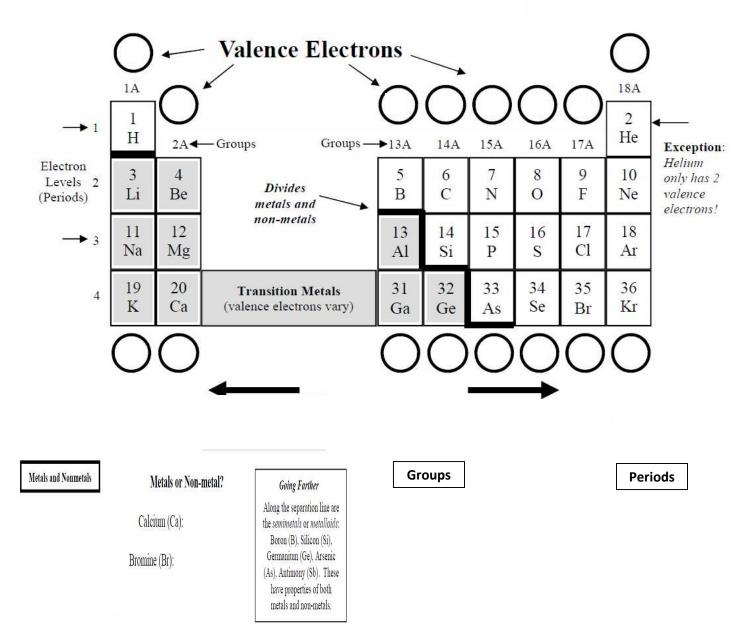


Period:

Metals, Non-Metals and Valence Electrons



Elements with the same valence electrons have



1. Octet Rule	A. Elements found on the right side of	How many valence electrons?
 Metals Valence electrons Non-metals 	the periodic table.B. Elements found on the left side of the periodic table.C. Says that atoms tend to be more stable with eight valence electrons.D. Electrons in the outermost electron level. Involved in chemical bonding.	Calcium (<u>Ca</u>) _ 2 Hydrogen () Potassium () Helium () Oxygen () Aluminum() Argon () Sodium () Boron () Nitrogen ()
Metal or Non-metal?		Connect the element on the left with the element on the right that has similar reactivity. Chlorine Beryllium Phosphorous Potassium Magnesium Iodine Sodium Aluminum Boron Oxygen Sulfur Nitrogen
		Are these elements isotopes of one another? Element A: 12 protons; 11 electrons; 13 neutrons. Element B: 13 protons; 12 electrons; 13 neutrons. Are these elements isotopes of one another? Element A: 14 protons; 15 electrons; 13 neutrons. Element B: 14 protons; 14 electrons; 15 neutrons. Are these elements isotopes of one another? Element A: 12 protons; 11 electrons; 13 neutrons. Element B: 12 protons; 12 electrons; 13 neutrons. Are these elements isotopes of one another? Element B: 12 protons; 12 electrons; 13 neutrons. Are these elements isotopes of one another? Element A: 18 protons; 18 electrons; 18 neutrons. Element B: 18 protons; 18 electrons; 19 neutrons.
	# of valence electrons: It is an ion? Element: # of neutrons: Mass #: # of electrons: # of valence electrons: It is an ion?	Sulfur (<u>S</u>) is in row <u>3</u> . Sulfur has <u>2</u> complete electron levels and <u>6</u> valence electrons in level <u>3</u> . Magnesium () is in row Magnesium has complete electron levels and valence electrons in level Carbon () is in row Carbon has complete electron levels and
	Element: # of neutrons: Mass #: # of electrons: # of valence electrons: It is an ion?	Potassium () is in row Potassium has complete electron levels and valence electrons in level Argon () is in row Argon has complete electron levels and valence electrons in level