Name _____ Hour_____ **(DUE MON 10/24)**

Valence electrons notes/worksheet
Chemistry

Notes:

Valence electrons:

Write full electron configurations for:

Be:

Mg:

Ca:

Write noble gas shorthand electron configurations for:

As:

Sb:

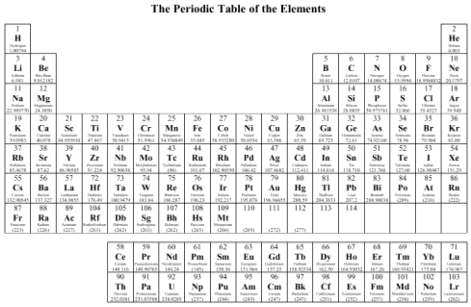
Bi:

How many valence electrons in each d-block element?

V:

Co:

What do you notice about elements in the same group?



Lewis Structures

Your practice…

1. How many valence electrons do each of the elements have?

a. Be	e. V	i. At	m. Te
b. S	f. Ar	j. Rb	n. P
c. C	g. Ge	k. Na	o. Ne
d. Ti	h. Al	l. Zn	p. F

2. Write out electron configurations (full or shorthand) for the following elements and CIRCLE the valence electrons (you will have to do this on your test!)

    a. B

    b. Se

    c. Sr

    d. Mn

    e. Pb

    f. Br

    g. Ar

    h. Os

    i. Sn

3. Draw Lewis Structures for elements #1-18