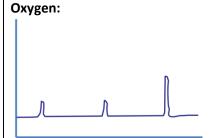
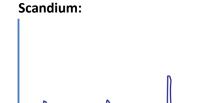
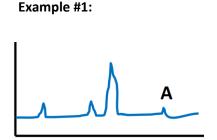
#### Glue Ins for your notes while I am gone

- in backwards order so you can cut them off the packet each day :-)

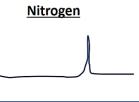
### **N19**

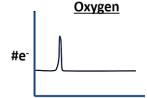






### Example #2:

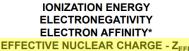


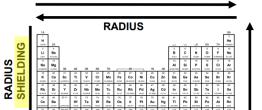


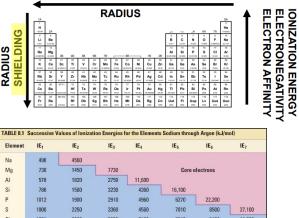


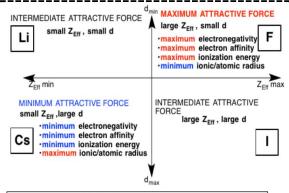


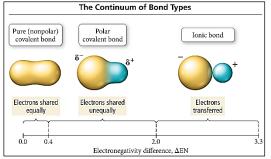
## **N18**











# **N16**

de Broglie	Equation	Bohr Equation (72)
$\lambda = -$	<u>h</u>	$E = -2.178 \times 10^{-18} J\left(\frac{z^{-1}}{n^2}\right)$
n	ıv	Z = nuclear charge
m = particle	e mass	n = energy level
Fnorgy Change		/ 72 72

$$\frac{\frac{\text{Energy Change}}{\text{Between Two}}}{\frac{\text{Energy Levels}}{\text{Energy Levels}}} \quad E = -2.178 \, x \, 10^{-18} J \left( \frac{Z^2}{n_{final}^2} - \frac{Z^2}{n_{initial}^2} \right)$$

## **N17**



