NAME: **PD:** **DATE**

Atomic Dimension Worksheet AGAIN & AGAIN, & AGAIN

The Table below contains information about several elements. Use this table to review the concepts of atomic number, mass number, number of subatomic particles, isotopes, and charged & uncharged atoms. In each case, enough information has been provided for you to fill in all the blanks.

ELEMENT	SYMBOL	ATOMIC #	# OF p+	# OF n	# OF e^-	MASS #	OTHER
1. ***Nickel***			***28***				
2.	***Al***				***10***		***Ion +3***
3.		***26***				***57***	
4.				***61***	***45***	***108***	
5.		***79***		***118***			***Neutral atom***
6.	***K***						***Ion +2***
7.	***Ti***				***24***		
8. Calcium					***18***		
9.			***82***				
10.	***Sn***					***120***	
11. Platinum					***79***	***193***	
12.	***Cu***	***30***				***65***	

Which of the following are CHEMICAL COMPOUNDS, MOLECULES, MIXTURES or an ATOM

13.	C	Atom	Molecule	Compound	Mixture
14.	HCl	Atom	Molecule	Compound	Mixture
15.	O_3	Atom	Molecule	Compound	Mixture
16.	$CaCO_3$ + NaCl	Atom	Molecule	Compound	Mixture
17.	Fe_3	Atom	Molecule	Compound	Mixture
18.	HCl + H_2O	Atom	Molecule	Compound	Mixture
19.	Ni	Atom	Molecule	Compound	Mixture
20.	$CaCO_3$	Atom	Molecule	Compound	Mixture