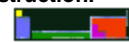


Revised August 2011



HONORS WORKSHEET 2a: ANSWERS



- 0
- +11
- 19
- 19
- 0
- Atoms of the same element with different numbers of neutrons.
 -

1	^{13}C	6	6	7	13
2	^{35}Cl	17	17	18	35
3	^{56}Fe	26	26	30	56
4	^{37}Cl	17	17	20	37
5	^3H	1	1	2	3
6	^{128}Te	52	52	76	128
7	^{120}Sn	50	50	70	120

- Same element, same number of protons, same atomic number.
 - Different number of neutrons and different mass number.
 - 58.74
- 35.45
 - 70, 72 and 74.
 - 70, since this molecule will be comprised of the most abundant isotopes.