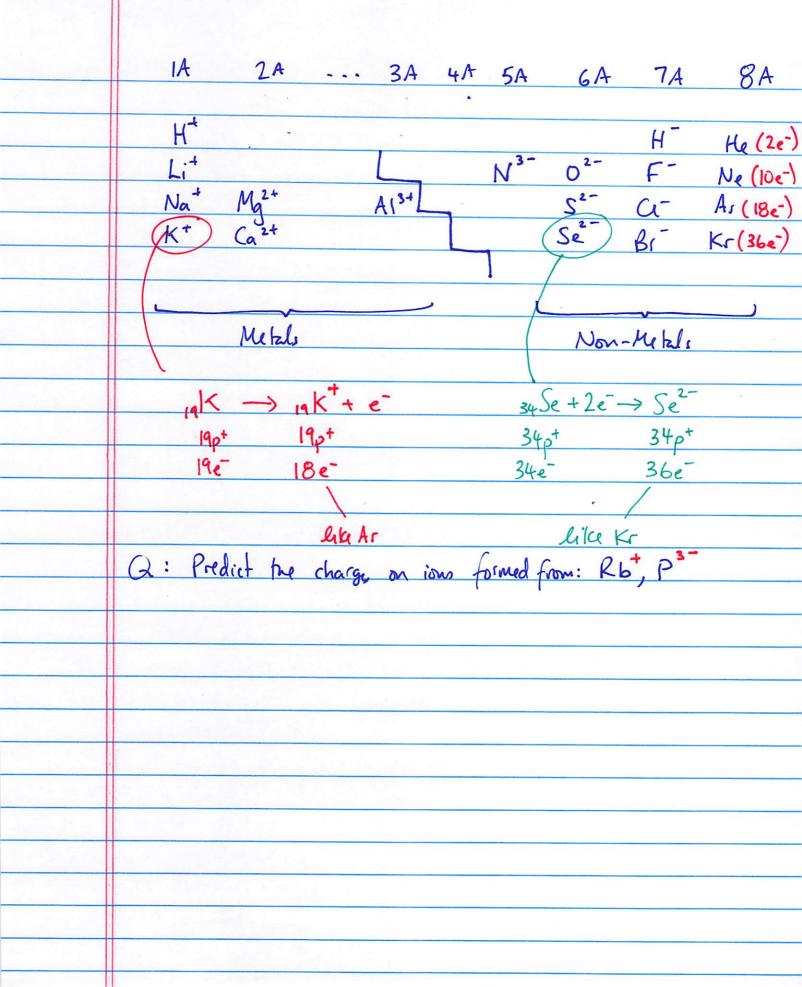
groups ... 9/12/2018 e 1 Periods group IA - Alkali metals - react violently wy water ex: Na, K, Li 2 A v Alkaline earth metals - react moderately w/ water er: Mg, Ca 7A ~ Halogens: very reachive + form salts
ex: F. C1

8A ~ Noble gases: unreachie!

(Inest gases) ex: He, Ne Ions and the periodic table Metals a lose es a Cations Xt Non-Metals a gain es a Anions y ~ for main-group elements, they tend to gain/lose e's as regrest noble gas.



Atomic Mass: The average mass of an element's about
Dalton > all atoms of element are same (x) 1/2
why? Different # no (to isotope) - Different masses
- Different masses
Atomic mass = average mass of element ~ weighted average!
~ weighted average!
ex: Cl: 75.77% 350 24.23% 3701
34.97u 36.97u
Abomic mass = 75.77 × 34.974 + 24.23 × 36.974
= 35.45n
- JJ-15M
17 - Z, #pt, about #
a
35.45 a tomic mas,
In general, Atomic mass = Fraction of x (mass of isotope n)
ex: Mg = 25 Mg, 10.00%, 24.99 = 24 homic mass = ??
ex: Mg 25 Mg, 10.00%, 24.99 ~ a homic
)26 M 11.01 % 25.98 mass = ??
78.99
78.99 + 23.99 (10.00 x 24.99 u (11.01 x 25.98 u = 24.31 u

Molar Mass: Counting atoms by weighing.
penny rolls @ bank -> weigh -same w/ atoms