UNIT 2 TEST TOPICS

Know & understand all terminology (see text at end of Ch. 5, 6 & 7)

- explain relationship between isotopic abundance & relative atomic mass
- distinguish between empirical & molecular formula
- state quantitative relationships in a chemical reaction eq'n. in various units
- solve problems involving
  - finding % composition
  - converting between moles, particles & mass
  - finding empirical & molec. formulas
  - finding mass or moles of reactant or product given mass or moles of another
  - limiting reactants
  - percentage yield
- use significant digits in calculations
- ~~balance simple nuclear reaction eqns.~~

REVIEW: p. 229-231 #5, 7b, 8, 11, 13, 14, 19, 20, 25, 29
p. 271-273 #5, 6, 9, 13, 15, 16, 23
p. 30 #7-9