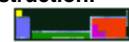


Revised August 2006



The World of Chemistry Video Series #11



The Mole

1. What gas is produced when hydrogen gas reacts with chlorine gas?
2. What is the value given to Avogadro's number?
3. What color is the element Carbon?
4. How many atoms are in one mole of atoms?
5. What two substances are dissolved in distilled water to make I.V. fluids?
6. Write the equation to show Silver nitrate reacting with sodium chloride to produce silver chloride and sodium nitrate
7. What TYPE of reaction is shown in #6?
8. If a reactant is present in an amount that is more than is required for the reaction, it is said to be.....?
9. Bisphenol A has a Molar Mass of 228 g per mole (1 mole weighs 228 g) how many *molecules* of Bisphenol are there in 228 g?
10. What word describes measurements that include numbers?