11 Atoms Element -substance marce of one type of atom molecule - 2 or more of the same type of a tom - I timy central nucles with Chemically bould togethe electrons or biting it J 68 - Noble guses Protons/neutrony. G1 - Alkali metals 62-Alkaline earth metal 62 herven 63 - Transition Metals 67 - nalogens -> should be balanced, count the number of each 1.2 Chemical equations Law of concervation of mass - Total mass of the products former in the cution is equal to the total sass of the reactions Extra mass of product maybe place to exuse pomeaning with reacter to Loss mass of remute maybe dealers gus escaping 1.3 separating mixturegana 1.4 Francional Distillation and chromatography is 200 more substances that are not ehemically bounded. Filtration - uses fille grave and funnel to separate insoluble substance everilere) from the solvent (the fittate) - name residue to get a clean substance after nashing it with distilled new Crystal isattion - Place evaporating didish under nater bath which is herry hearted, crystels will appear as more of the solvent is evapourated,