



4. When 1.5 grams of scandium Sc was burned in oxygen, 3.1 grams of a new compound was formed.
5. When 23.0 grams of a compound made of carbon, hydrogen and sulfur decomposed, it produced 6.0 grams of solid carbon and 16.0 gram of solid sulfur. The hydrogen gas was allowed to escape.
6. (You can use percentages just like grams.) A compound is made up of 40.0% carbon, 6.7 % hydrogen and 53.3% oxygen.