

Exercise 1.04 – Constant composition

Use your periodic table to answer the following questions

Q104-01 Calculate the relative masses of the different elements in calcium carbonate, CaCO_3 .

Q104-02 Calculate the relative masses of the different elements in the compound glucose, $\text{C}_6\text{H}_{12}\text{O}_6$.

Q104-03 Calculate the relative masses of the different elements in the compound magnesium sulphate (MgSO_4)

Q104-04 Calculate the relative masses of the different elements in the compound silicon dioxide, SiO_2

Q104-05 Calculate the relative masses of the different elements in the compound copper (II) hydroxide, $\text{Cu}(\text{OH})_2$

Q104-06 Calculate the relative masses of the different elements in the compound sodium chloride, NaCl

Q104-07 Calculate the relative masses of the different elements in the compound benzene, C_6H_6

Q104-08 Calculate the relative mass of each of the different elements in the compound sulphur (VI) oxide.

Q104-09 Calculate the relative mass of each of the different elements in the compound dinitrogen tetroxide, N_2O_4 .

Q104-10 Calculate the relative mass of each of the different elements in the compound sodium sulphate, Na_2SO_4 .
