

## Percent composition from the experimental data

Name

Write all numbers with  
one decimal place

00.0

$$\% \text{ by mass} = \frac{\text{mass of element}}{\text{mass of compound}} \times 100$$

Find the percent compositions of all the elements in the following compounds:

92.2 g of sample of a compound contains 40.2g of carbon and the rest is from oxygen		
element	Mass of element(g)	% of composition by mass
C		
O		
Mass of compound	(g)	Total=100%

A sulfur-chlorine compound if a 30.9 a sample of the compound is found to contain 9.63 from sulfur what is percent composition.		
element	Mass of element(g)	% of composition by mass
Mass of compound	(g)	Total=100%

Ahmed Hammad

Alshwaib School