

Percent (%) by *Mass**

Often “30% Iron, 70% Oxygen”

Assume 100 g of the compound

This means you have

30 g Iron in 100 g compound

and

70 g Oxygen in 100 g compound

If you have 50 g of the compound,

15 g Fe and 35 g O

* If % *volume*, convert volumes to masses
using densities first