

Find the percent compositions (rounded to the nearest tenth of a percent) of all of the elements in the following compounds:



Cr: _____

F: _____



Na: _____

P: _____

O: _____



K: _____

C: _____

N: _____



P: _____

I: _____

Solutions

Hint: Find the molecular weight of the compound then divide the total mass of each element by it and multiply by 100.



Cr: 47.7%

F: 52.3%



Na: 42.1%

P: 18.9%

O: 39.0%



K: 60.0%

C: 18.5%

N: 21.5%



P: 7.5%

I: 92.5%