

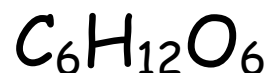
Name: \_\_\_\_\_ Section: \_\_\_\_\_

### Analyzing Chemical Formulas

Directions - Complete the following charts by providing the appropriate number of molecules/compounds or atoms for each of the chemical formulas present.



Component	Total Number
$CO_2$ - molecules	
C - atoms	
O - atoms	
$O_2$ - molecules	



Component	Total Number
$C_6H_{12}O_6$ - molecules	
C - atoms	
H - atoms	
O - atoms	



Component	Total Number
$H_2O$ - molecules	
H - atoms	
O - atoms	
$H_2$ - molecules	



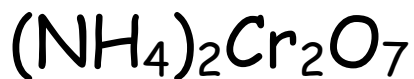
Component	Total Number
$C_8H_{18}$ - molecules	
C - atoms	
H - atoms	



Component	Total Number
$\text{Al}_2\text{O}_3$ - compounds	
Al - atoms	
O - atoms	
$\text{Al}_2$ - compounds	
$\text{O}_3$ - molecules	



Component	Total Number
$\text{Sn}(\text{NO}_3)_2$ - compounds	
Sn - atoms	
N - atoms	
O - atoms	
$\text{O}_3$ - molecules	
$\text{NO}_3$ - molecules	



Component	Total Number
$(\text{NH}_4)_2\text{Cr}_2\text{O}_7$ - compounds	
N - atoms	
H - atoms	
Cr - atoms	
O - atoms	
$\text{NH}_4$ - molecules	
$\text{Cr}_2\text{O}_7$ - compounds	



Component	Total Number
$3 \text{Pb}(\text{NO}_3)_2$ - compounds	
Pb - atoms	
N - atoms	
O - atoms	
$\text{O}_3$ - molecules	
$\text{NO}_3$ - molecules	