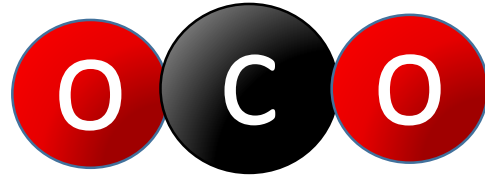


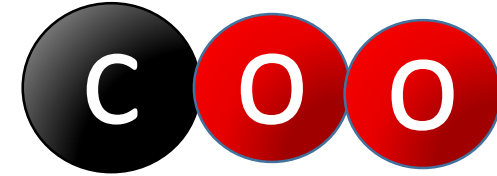
Picturing Molecules

Particle Model Drawings

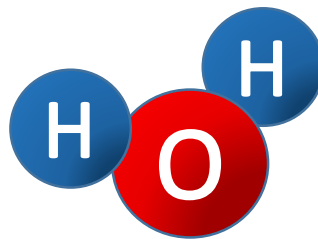
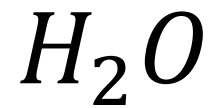
Picturing Molecules / Particle Model Drawings



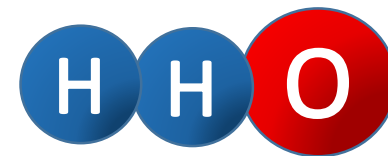
or



1 molecule of CO₂

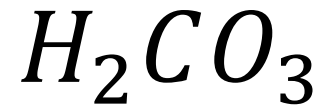


or

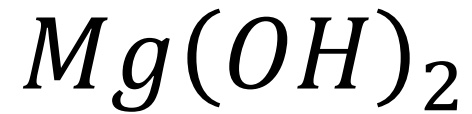
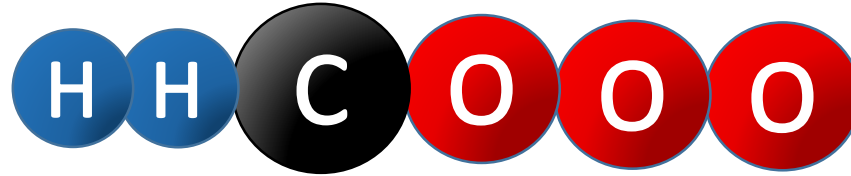


1 molecule of water

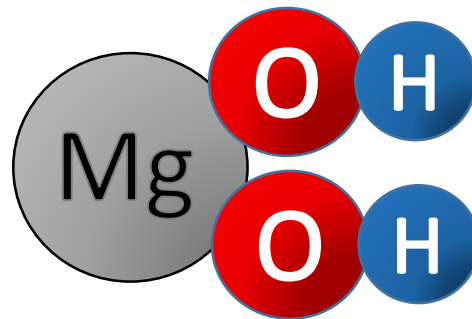
Picturing Molecules / Particle Model Drawings



1 molecule of H_2CO_3



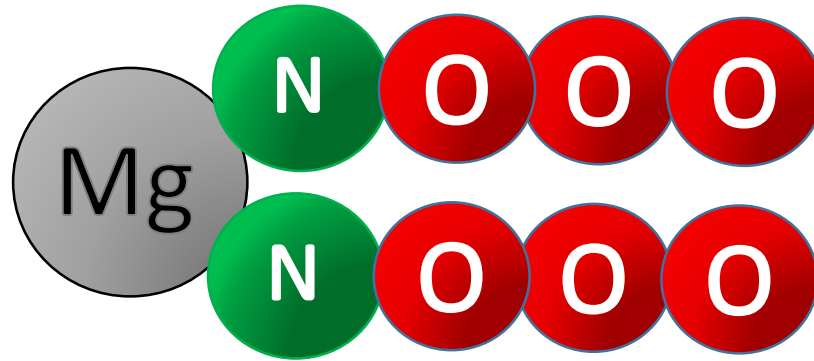
1 molecule of $Mg(OH)_2$



Picturing Molecules / Particle Model Drawings



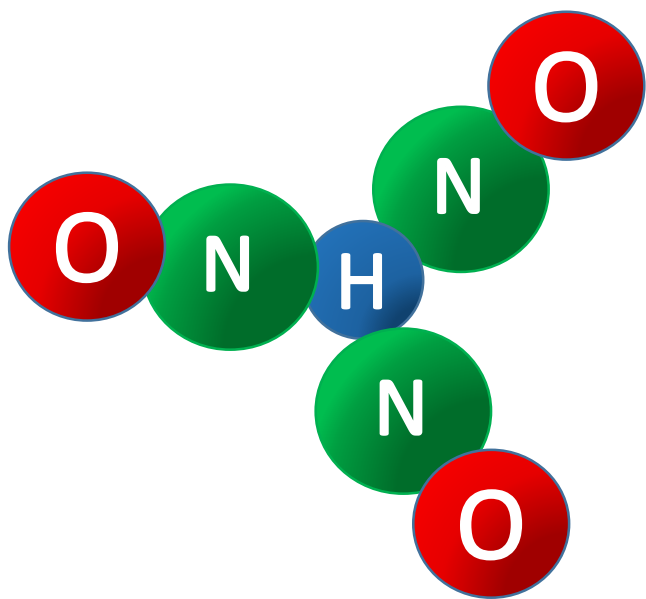
1 molecule of $Mg(NO_3)_2$



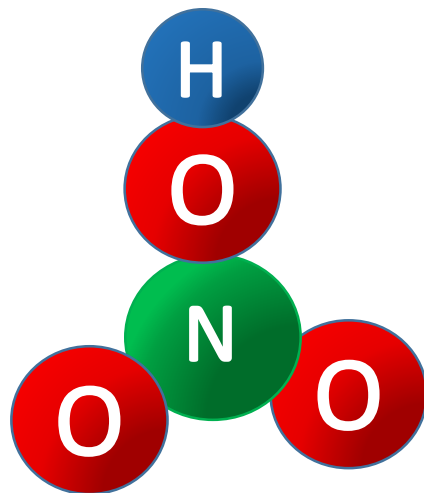
Picturing Molecules / Particle Model Drawings

Which of the following represents a molecule of HNO_3 ?

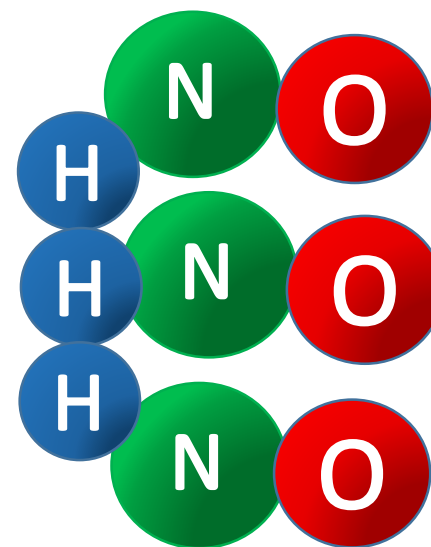
(A)



(B)

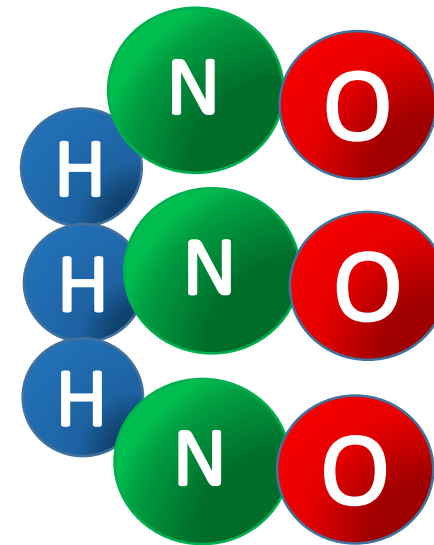
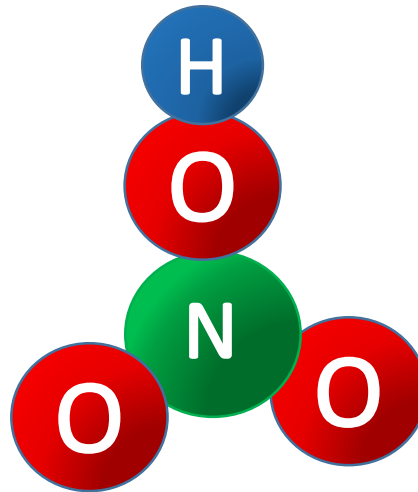
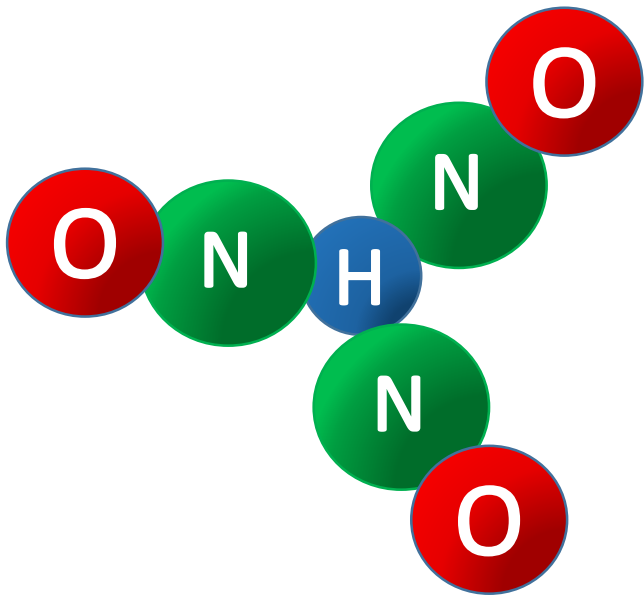
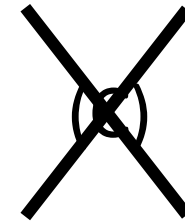
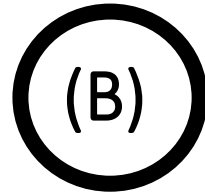
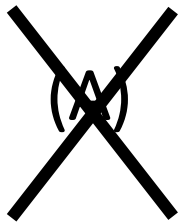


(C)



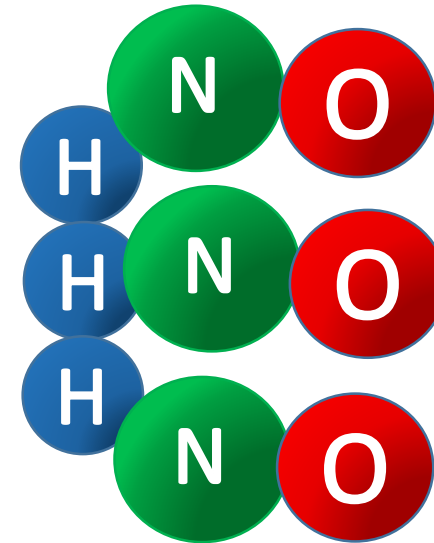
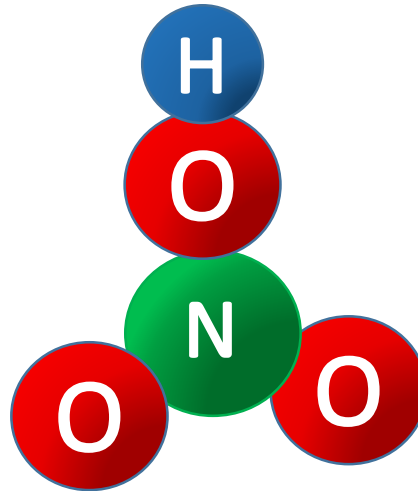
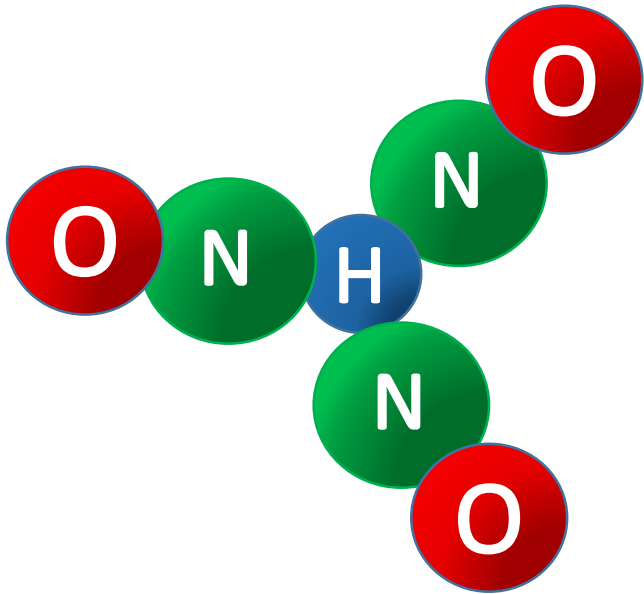
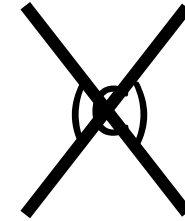
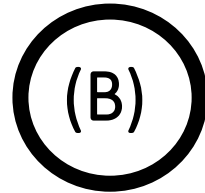
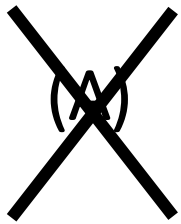
Picturing Molecules / Particle Model Drawings

Which of the following represents a molecule of HNO_3 ?

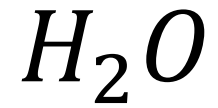


Picturing Molecules / Particle Model Drawings

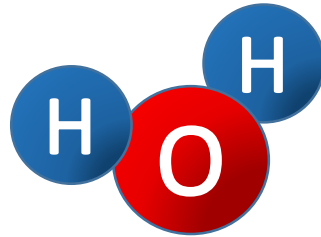
Which of the following represents a molecule of HNO_3 ?



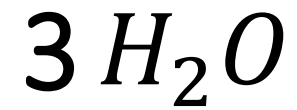
Picturing Molecules / Particle Model Drawings



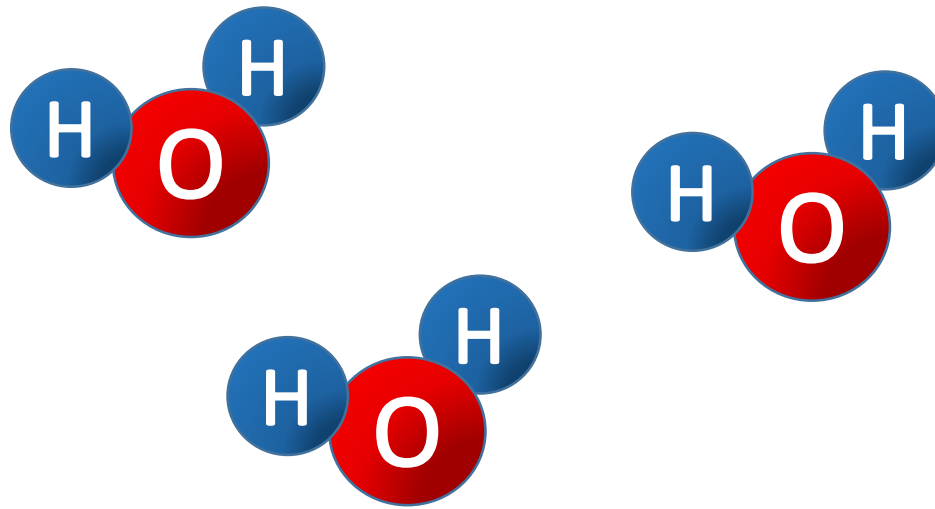
1 molecule of water



Picturing Molecules / Particle Model Drawings



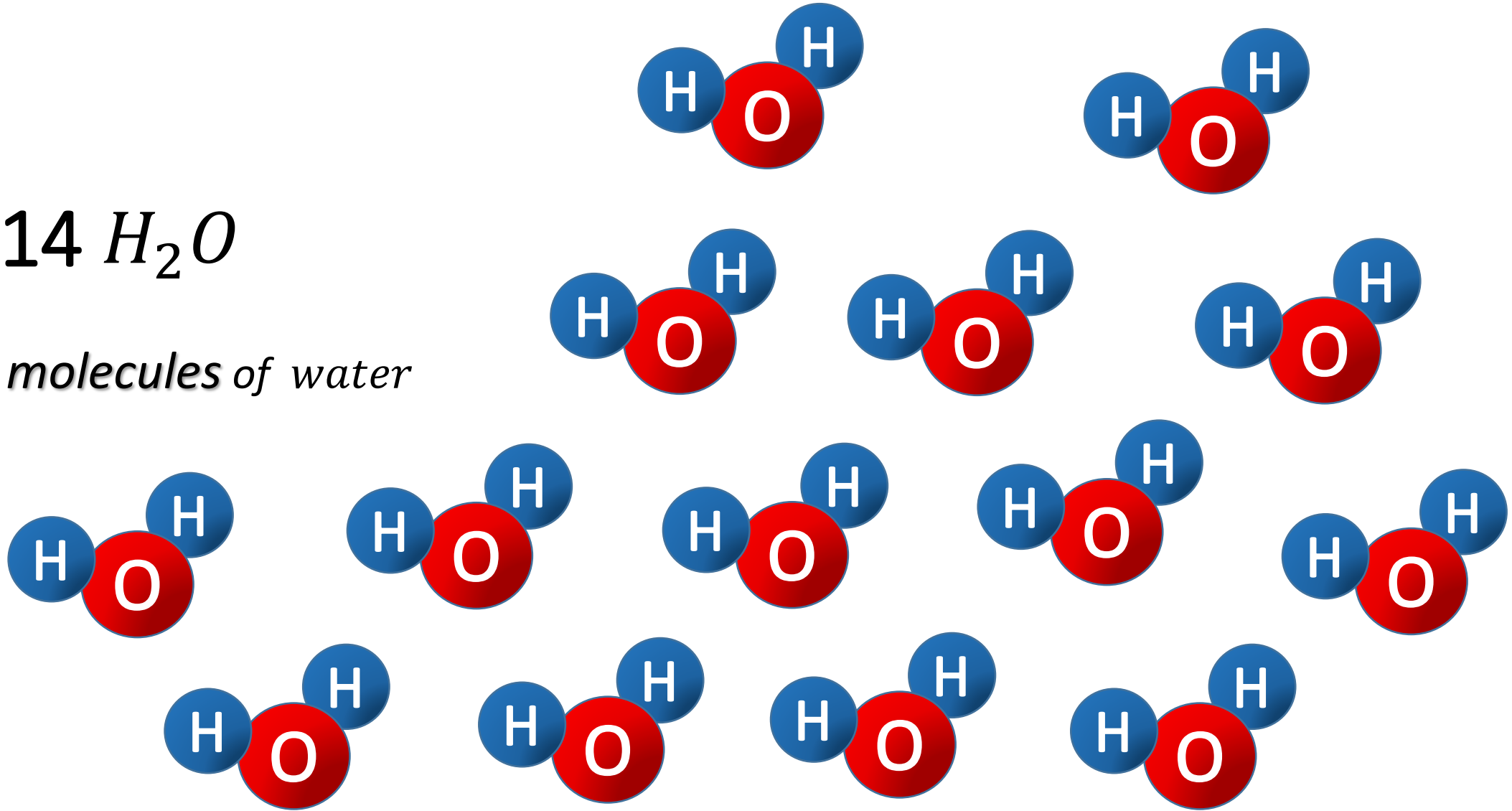
3 molecules of water



Picturing Molecules / Particle Model Drawings

$14 H_2O$

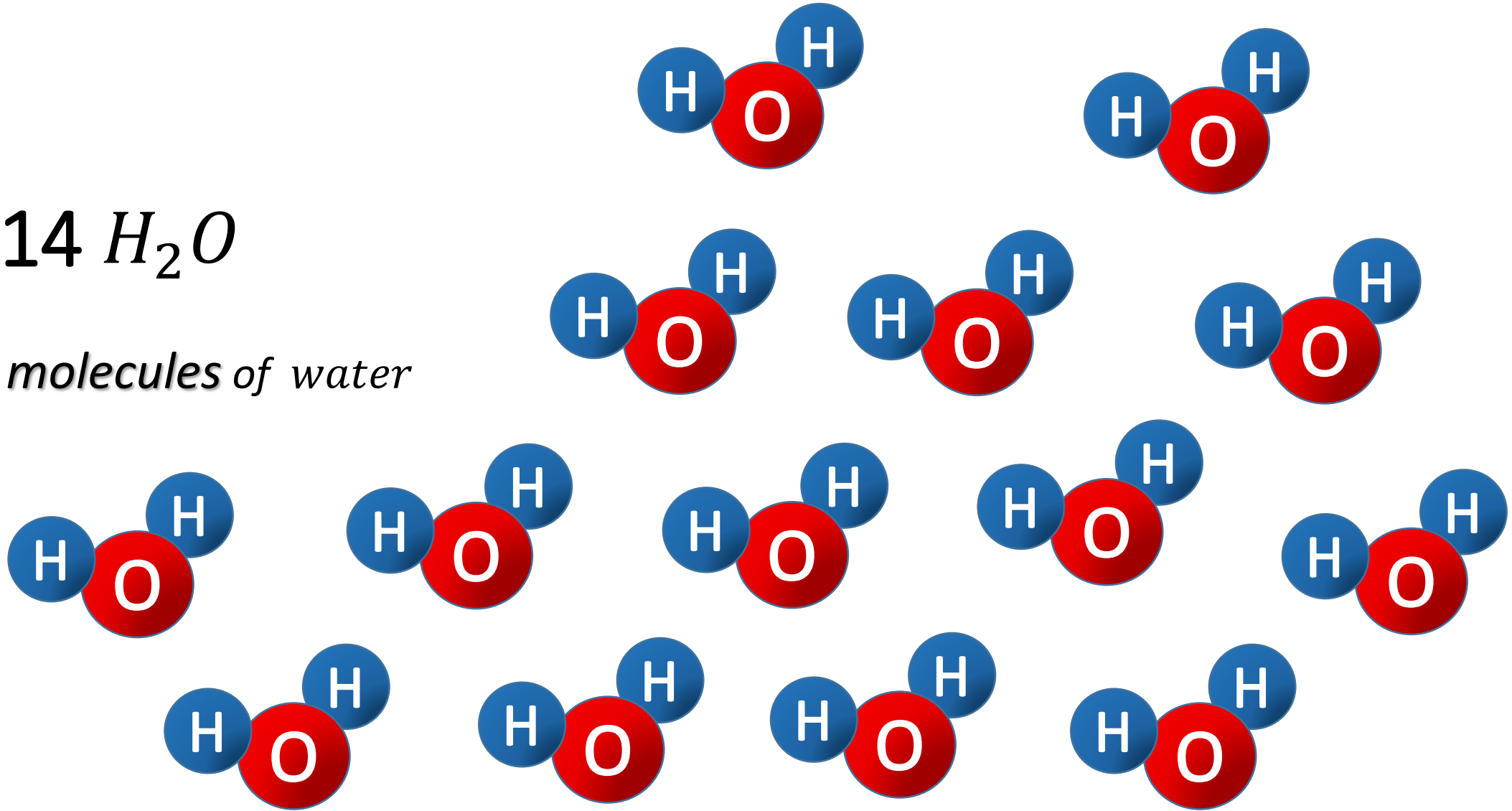
14 molecules of water



Picturing Molecules / Particle Model Drawings

$14 H_2O$

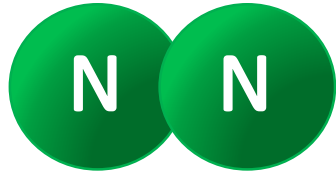
14 molecules of water



Picturing Molecules / Particle Model Drawings

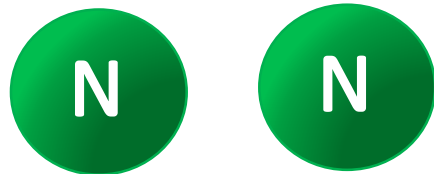
Is there a difference between N_2 and $2N$? **YES**

N_2



➤ *1 molecule of nitrogen*
(2 nitrogen atoms bonded together)

$2N$



➤ *2 (separate) atoms of nitrogen*

