

# [Molar notes essay sample](https://assignbuster.com/molar-notes-essay-sample/)

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1. How many moles does 80. 0 grams of H2O represent?   
2. How many moles does 45. 0 grams of C6H12O6 represent?   
3. How many moles does 22. 0 grams of CO2 represent?   
4. How many moles does 56. 0 grams of N2 represent?   
5. What is the mass of 2. 0 moles of LiOH ?   
6. What is the mass of 5. 0 moles of Ba(CN)2 ?   
7. What is the mass of 3. 5 moles of water?   
8. What is the mass of 0. 75 moles of CuSO4 ?   
9. How many atoms does 2. 0 moles of He represent?   
10. How many sodium ions are in 3. 0 moles of NaCl?

11. How many molecules are in 0. 25 moles of CH4?   
12. How many total atoms are in 8. 0 moleS of H2O ?   
13. How many moles of water does 6. 02 x 1023 molecules represent?   
14. Convert 3. 01 x 1023 molecules of C2H6 to moles.   
15. How many moles of C6H12O6 does 1. 2 x 1024 molecules represent?   
16. How many moles of CaCl2 does 2. 41 x 1024 formula units represent?   
17. What would be the mass of 1. 20 x 1024 molecules of H20?

18. What would be the mass of 2. 41 x 1024 formula units of Ba(OH)2?   
19. How much mass does 1. 51 x 1022 atoms of Ne represent?   
20. How much mass does 7. 53 x 1022 molecules of CH4 represent?   
21. How many molecules does 36. 0 grams of H20 represent?   
22. How many molecules does 11. 0 grams of CO2 represent?   
23. How many atoms does 3. 0 grams of carbon represent?   
24. How many formula units does 200. 0 grams of CaCO3 represent?