

Molar notes essay sample

[Science](#), [Chemistry](#)



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 6.02×10^{23} molecules represent?
14. Convert 3.01×10^{23} molecules of C₂H₆ to moles.
15. How many moles of C₆H₁₂O₆ does 1.2×10^{24} molecules represent?
16. How many moles of CaCl₂ does 2.41×10^{24} formula units represent?
17. What would be the mass of 1.20×10^{24} molecules of H₂O?
18. What would be the mass of 2.41×10^{24} formula units of Ba(OH)₂?
19. How much mass does 1.51×10^{22} atoms of Ne represent?
20. How much mass does 7.53×10^{22} molecules of CH₄ represent?
21. How many molecules does 36.0 grams of H₂O 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?