

7. What is the volume of 8.91 g of OF_2 at STP?

8. What is the volume of 2.37×10^{24} neon (Ne) atoms at STP?

9. What is the mass of titanium if it contains 4.515×10^{22} atoms?

10. What is the mass of 6.13×10^{24} molecules of I_2 ?

11. What is the mass of 13.44 L of SO_2 gas at STP?

12. What is the mass of 35.38 L of Cl_2 gas at STP?