

Mole Calculations #1

1. How many moles are in 100 grams of sulfur?
2. How many grams are in 2.75 moles of FeS?
3. How many moles are in 2.65 grams of Al?
4. How many grams are in 1.50 moles of H₂SO₄?
5. How many grams does 5.00 moles of H₂O weigh?
6. How many molecules are in 0.75 mole of CO₂?
7. What is the mass of a million atoms of gold?
8. What is the mass of 0.35 moles of sodium?
9. How many moles are in 30.0 g of NaCl?
10. How many moles are in 7.5×10^{21} molecules of H₂O?