

Work each of the following problems. SHOW ALL WORK.

6. What is the mass of 4.56 molecules of sulfur dioxide?

7. How many formula units are in 0.456 g of $\text{Ca}_3(\text{PO}_4)_2$?

8. How many moles are in 1.5×10^{23} atoms of fluorine?

9. What is the mass of 2.80×10^{26} molecules of CO_2 ?