

Worksheet: Molar Mass

1. Calculate the molar mass for the following:

a. KCl

b. Fe_2O_3

c. Li_2CO_3

d. $\text{Al}_2(\text{SO}_4)_3$

2. In a bottle of soda, there is 0.25 mole of CO_2 . How many grams of CO_2 are in the bottle?

3. How many oxygen atoms are there in 48.0 g of O and 48.0 g of O_2 ?

4. Convert 53.8 grams of MgI_2 to moles MgI_2 .