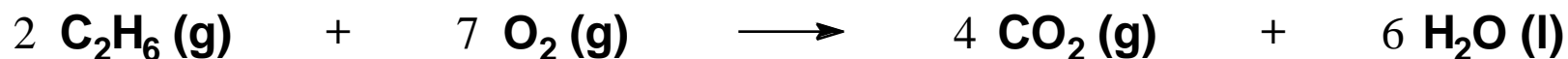


CALCULATING AMOUNTS OF REACTANTS AND PRODUCTS FROM A BALANCED CHEMICAL EQUATION



$$\boxed{\text{GRAMS OF A}} \times \boxed{\text{MOLAR MASS OF A}} \times \boxed{\text{STOICHIOMETRIC COEFFICIENTS OF A AND Z}} \times \boxed{\text{MOLAR MASS OF Z}} = \boxed{\text{GRAMS OF Z}}$$

A and Z in the general setup above can refer to any reactant or product in the equation.



75.0 g C_2H_6	1 mole C_2H_6	4 mole CO_2	44.01 g CO_2	=	220. g CO_2
	30.07 g C_2H_6	2 mole C_2H_6	1 mole CO_2		