

Balancing Chemical Equation Worksheet

WHICH SPECIES ARE THE REACTANTS IN THE EQUATION PROVIDED?

WHAT INFORMATION IS GIVEN BY THE COEFFICIENTS IN THE EQUATION?

COUNT THE ATOMS OF C, H, AND O ON BOTH SIDES OF THE EQUATION. HOW MANY ARE THERE BEFORE AND AFTER THE REACTION?

WHY IS IT IMPORTANT TO USE COEFFICIENTS TO BALANCE THE EQUATION RATHER THAN CHANGING THE SUBSCRIPTS?

HOW MANY ATOMS OF OXYGEN ARE REQUIRED TO REACT WITH 2 ATOMS OF MAGNESIUM IN THE REACTION: $2\text{Mg} + \text{O}_2 \rightarrow 2\text{MgO}$?
