

# Balancing Equations Challenge

## Part A: Parts & Pieces

- (1) Circle each subscript in each chemical formula.
- (2) Draw a square around each coefficient.
- (3) Answer the questions related to each chemical formula.



What element does the O represent?

Oxygen



How many atoms of each element are in the formula shown?

C = 1 O = 2



How many atoms of Hydrogen are in this formula as shown?

10



How many atoms each element are in the formula shown?

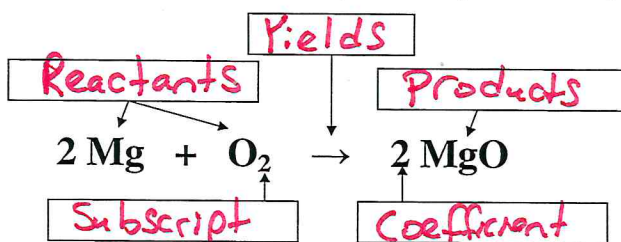
C = 4 H = 12



How many atoms each element are in the formula shown?

Na = 4 S = 2 O = 8

## Part B: Label the chemical equation using PRODUCT, REACTANTS, SUBSCRIPT, COEFFICIENT, and YIELDS.

T. Trimpe 2006 <http://sciencespot.net/>

## Part C: Balance each of the following equations.

Remember → List the atoms, count, and solve!

