

BALANCING

Chemical Equations

Choose and write the correct chemical formulas.

hydrogen + oxygen = water

nitrogen + hydrogen = ammonia

magnesium + chlorine = magnesium chloride

calcium + fluorine = calcium fluoride

NH₃ F₂

Mg H₂O

O₂ N₂

H₂ CaF₂

Cl₂ Ca

MgCl₂ H₂

Write numbers in the boxes to balance the equations below.

Unbalanced Equations

H₂ + O₂ → H₂O

N₂ + H₂ → NH₃

Cu + O₂ → CuO

P₄ + O₂ → P₂O₅

Na + S → Na₂S

Al + I₂ → AlI₃

Ag + N₂ → Ag₃N

Balanced Equations

H₂ + O₂ → H₂O

N₂ + H₂ → NH₃

Cu + O₂ → CuO

P₄ + O₂ → P₂O₅

Na + S → Na₂S

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