

Name: _____

Set: _____

Enthalpy Changes

Match the definition and equation to its enthalpy changes.

Enthalpy Change of ...	Definition	Equation
Standard Enthalpy Change of Reaction, ΔH°_r		
Standard Enthalpy Change of Formation, ΔH°_f		
Standard Enthalpy Change of Combustion, ΔH°_c		
Standard Enthalpy Change of Neutralisation, $\Delta H^\circ_{\text{neut}}$		

The enthalpy change when **one mole of water** is formed by reacting an acid and alkali under standard conditions.

The enthalpy change **when the reactants in the stoichiometric equation react to give the products** under standard conditions.

The enthalpy change when **one mole of a substance is burnt in excess oxygen** under standard conditions.

The enthalpy change when **one mole of a compound** is formed from its **elements** under standard conditions.

