

Name: _____ Date: _____
Chemistry

Worksheet



Thermodynamics and Matter

Describe the following terms.

energy (E) –

heat – (q)

work (w) –

enthalpy (ΔH) –

entropy (S) –

internal energy (U) –

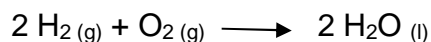
state function –

Explain what is meant by the system and the surroundings.

Describe the 1st Law of Thermodynamics.

Describe the entropy.

Use the reaction below to answer the following questions.



_____ What are the products?

_____ Do the products or the reactants have higher entropy?

***"To be ignorant of what occurred before you were born
is to remain always a child." - Cicero***