



BP	212	} 100 }	373	
	$\Delta 180$		$\Delta 100$	$\Delta 100$
FP	32		0	273
	F	$^{\circ}\text{C}$	K	

$\Delta 1^{\circ}\text{C} = \Delta 1\text{K.}$

Spontaneous Rxn \rightarrow without Adding E.

HOT \rightarrow **COLD.**

WORK = Force * distance
(displacement)

ϕ

Laws of Thermodynamics

- ① Heat \leftrightarrow Work.
- ② Heat spontaneously moves **Hot** \Rightarrow **Cold**.
- ③ ΔH (enthalpy) of any element in its elemental form = ~~0~~