Gases ① $\frac{PV}{T}$ ↓P allows gas to expand

② KU to maintain P.

$\Delta = (\text{final} - \text{initial})$

State function G, H, S

Mar 20-8:07 AM

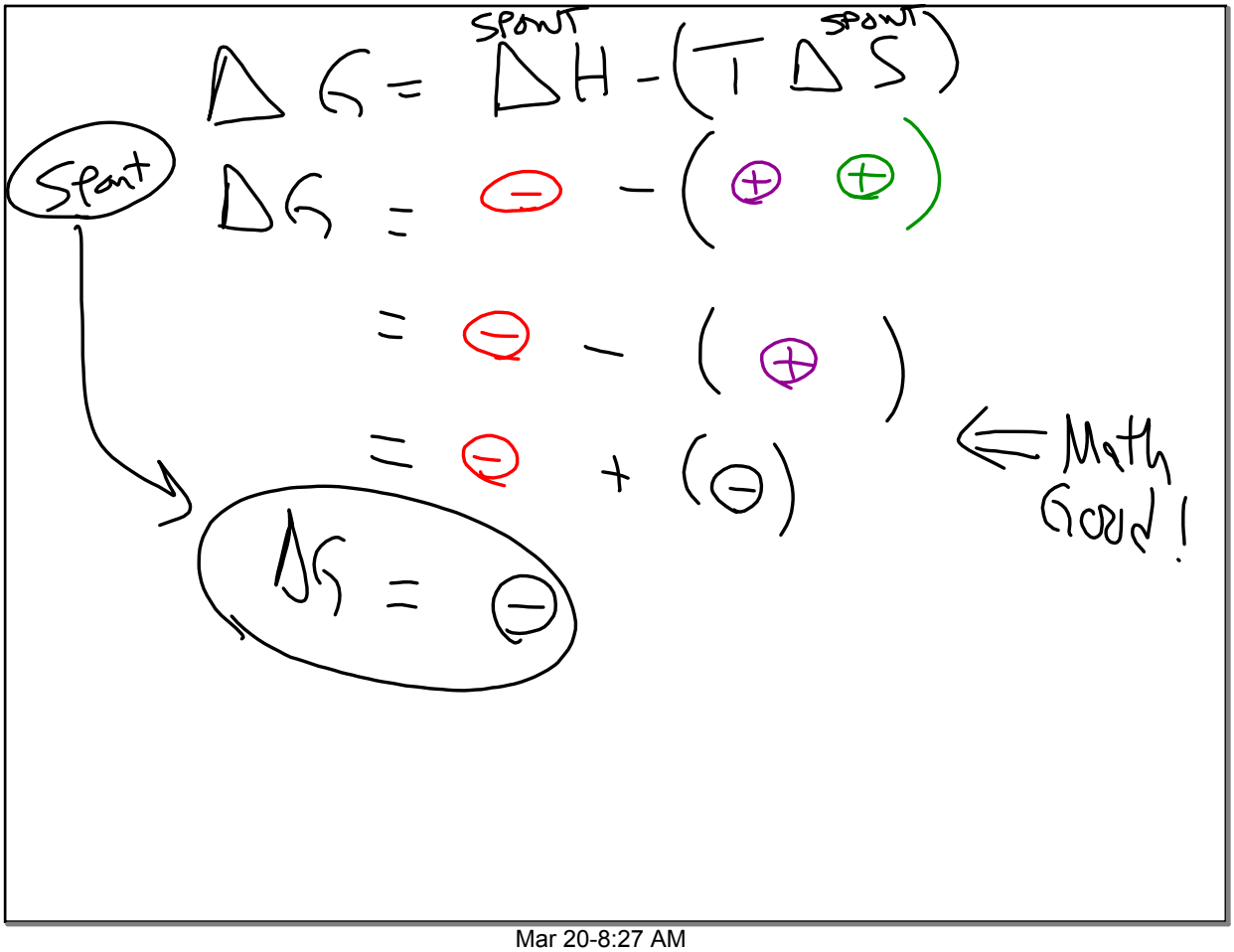
Spontaneous - Ball rolls down hill

G, H, S T in KELVIN ⊕#

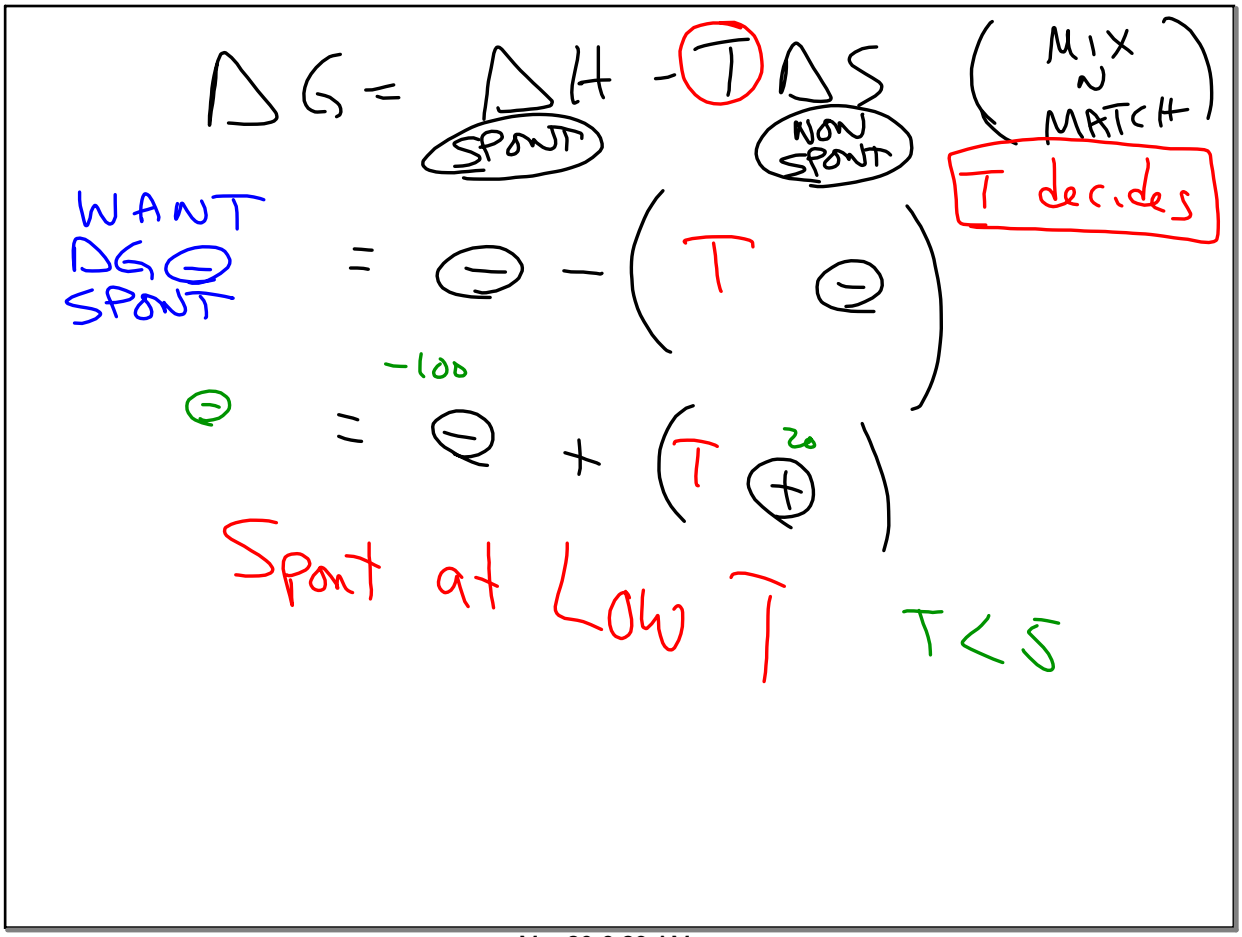
✓ Entropy ΔS (J) Spont ⊕ΔS more disorder

✓ Enthalpy ΔH (KJ) Lose heat Spont EXOthermic ⊖ΔH

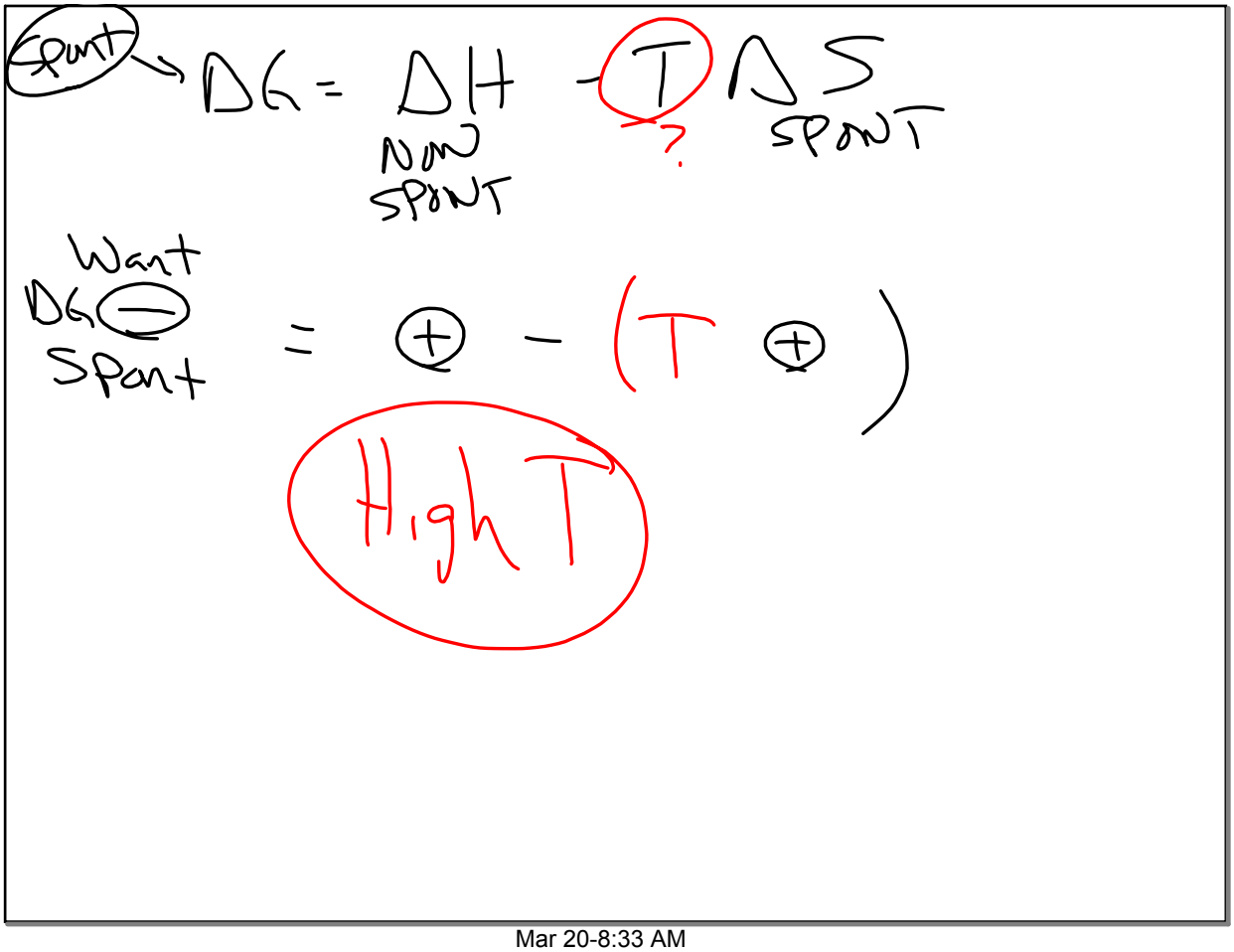
Mar 20-8:22 AM



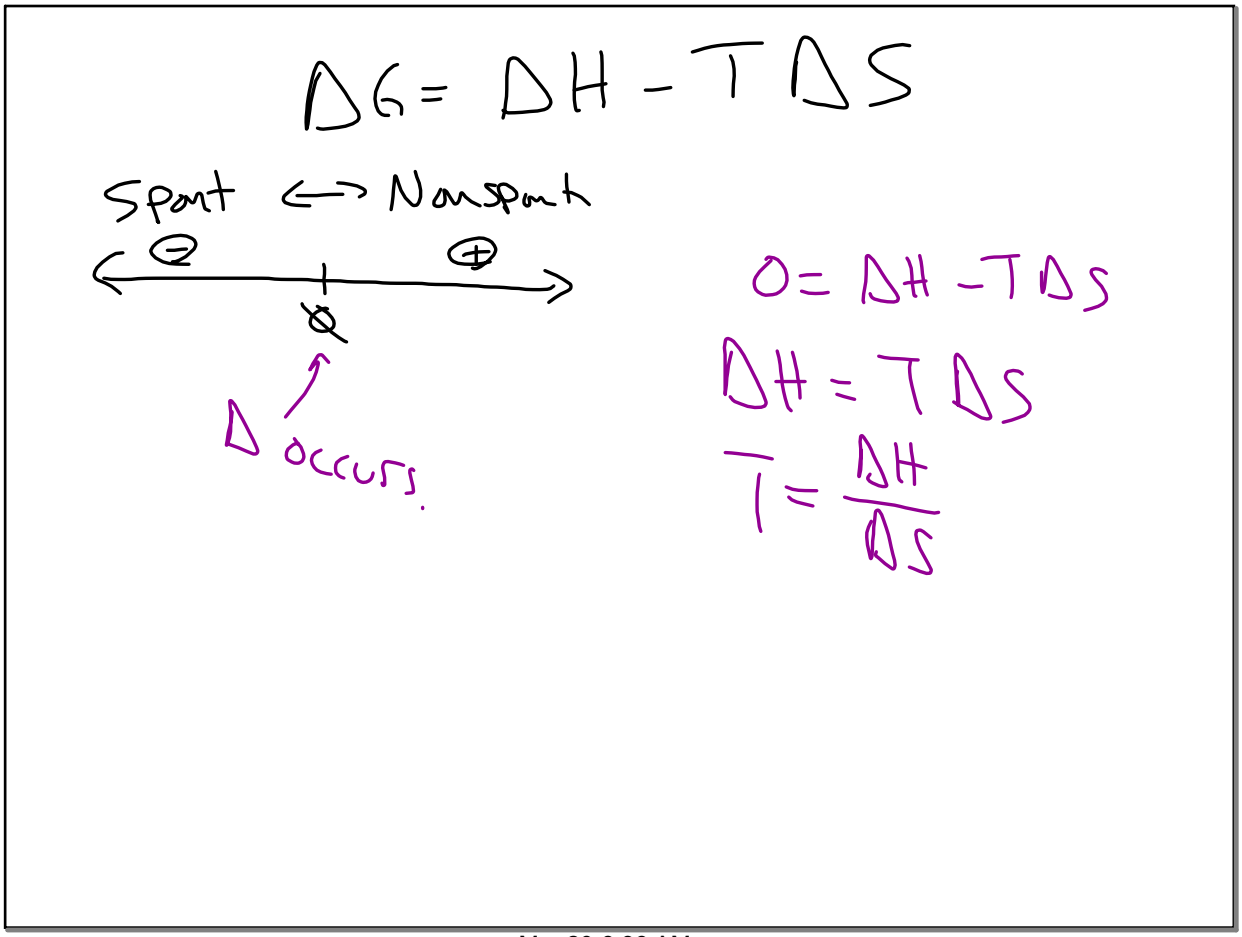
Mar 20-8:27 AM



Mar 20-8:29 AM



Mar 20-8:33 AM



Mar 20-8:36 AM

Appendicitus C

P 1112 - 1114

Std → ΔG° ΔH° ΔS° ← At std conditions

Non Std $\Delta G, \Delta H, \Delta S$

1 atm
25°C 298K

Mar 20-8:39 AM

19/41, 58 a+b, 65

Mar 20-8:44 AM