

$$\Delta G = \Delta H - T\Delta S$$

$$\Delta S$$

$$\Delta G + T\Delta S = \Delta H - \cancel{T\Delta S} + \cancel{T\Delta S}.$$

←

$$\Delta G + T\Delta S = \Delta H.$$

$$\cancel{\Delta G} + T\Delta S - \cancel{\Delta G} = \Delta H - \Delta G.$$

←

$$T\Delta S = \Delta H - \Delta G.$$

$$\cancel{\frac{T\Delta S}{T}} = \frac{\Delta H - \Delta G}{T}$$

←

$$\Delta S = \frac{\Delta H - \Delta G}{T}.$$

$$\Delta G + T\Delta S = \Delta H,$$

$$T\Delta S = \Delta H - \Delta G$$

$$\Delta S = \frac{\Delta H - \Delta G}{T}$$