

$$5/17A \quad 850 \text{ lb.} , \quad 66 \text{ mph.} \quad KE = J = \frac{\cancel{Kg}}{\cancel{Sec^2}} \cdot \frac{m^2}{m}$$

$\cancel{Kg.}$

$$\frac{850 \text{ lb}}{2.21 \text{ lb}} = 386.36 \text{ Kg}$$

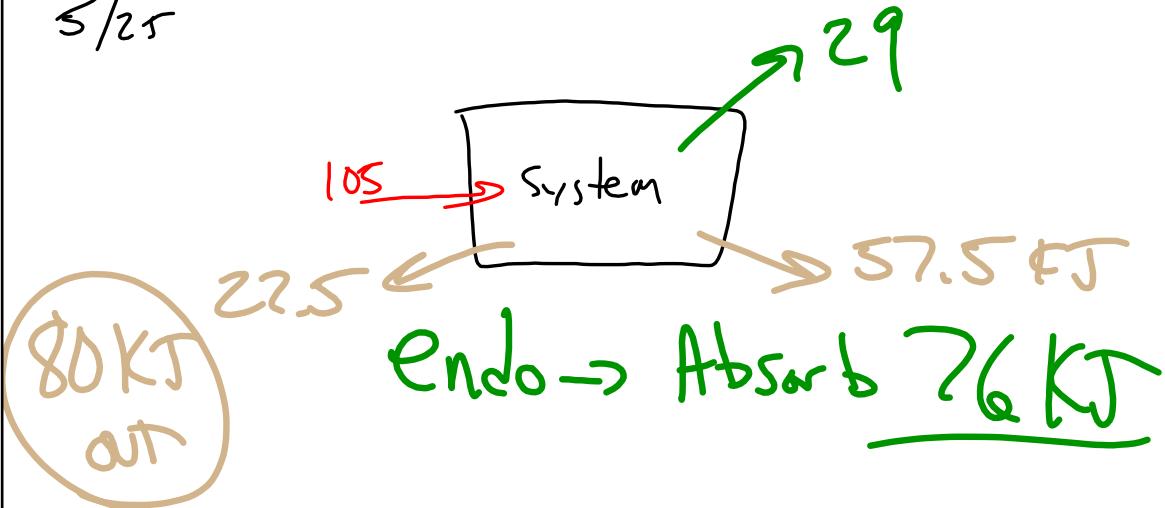
66 miles	1 hr	1 min	1 sec	1000 m
36000	60 min	60 sec	1 sec	1 km

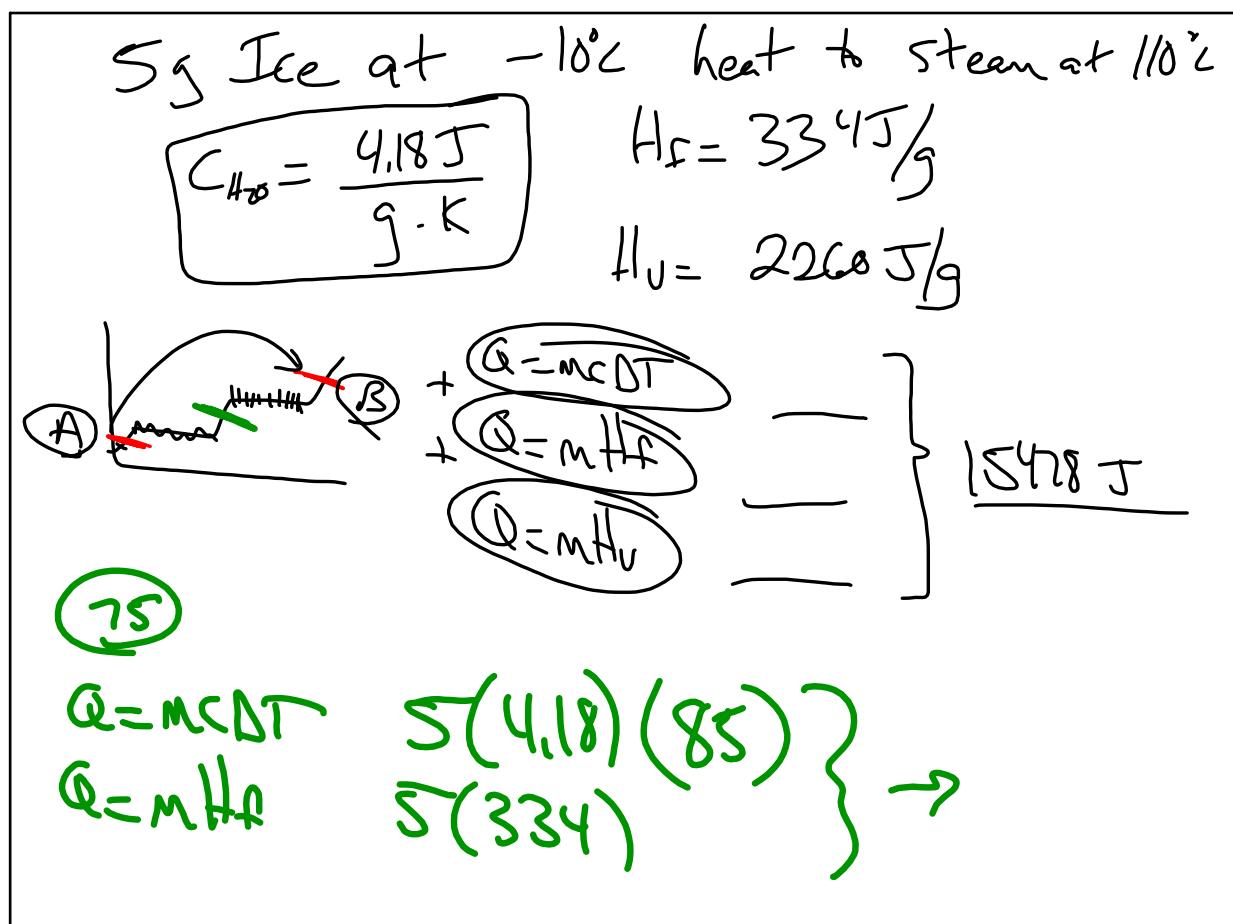
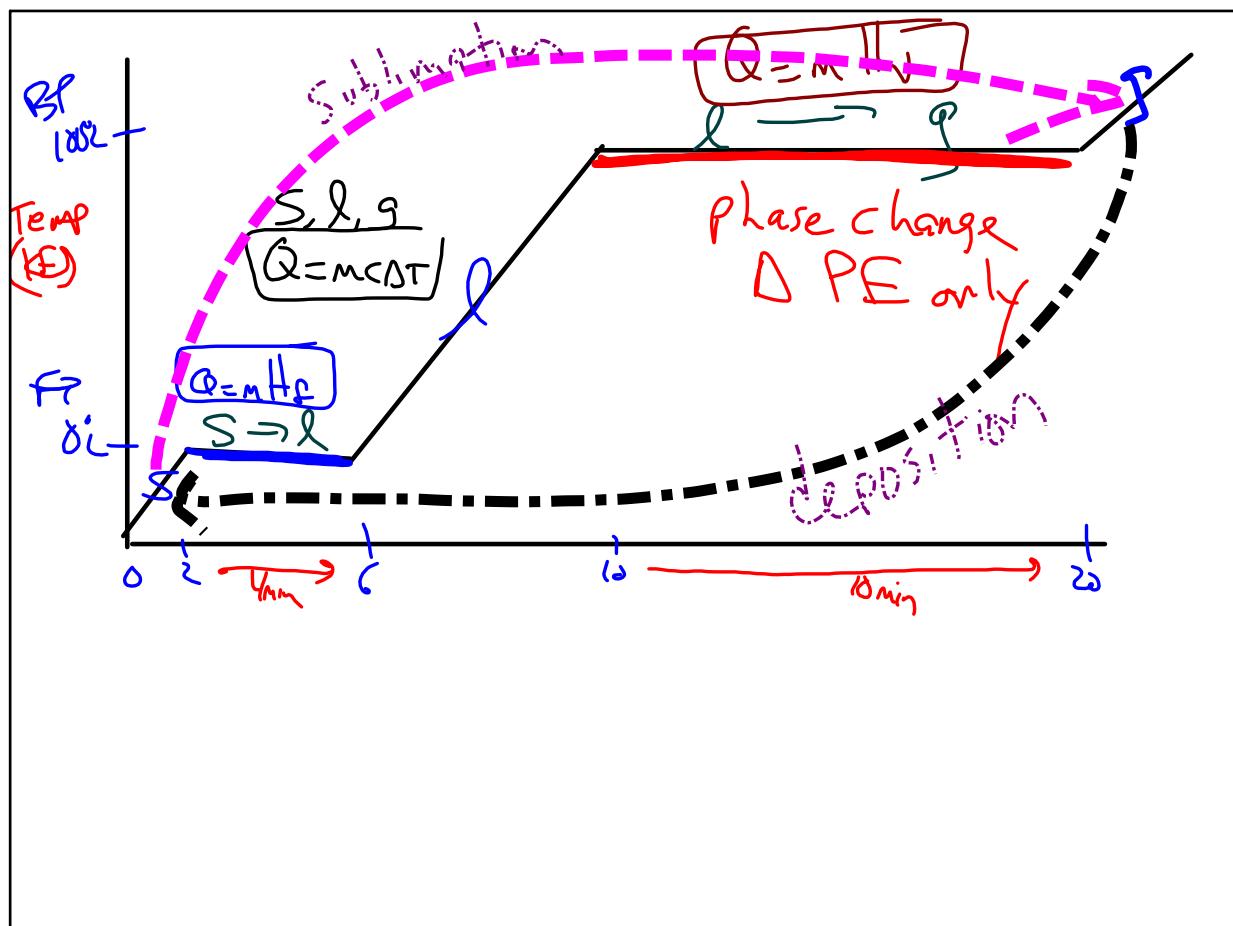
$= 29.52 \frac{m}{sec}$

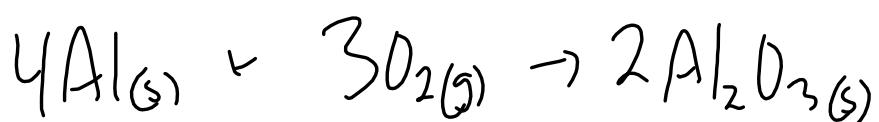
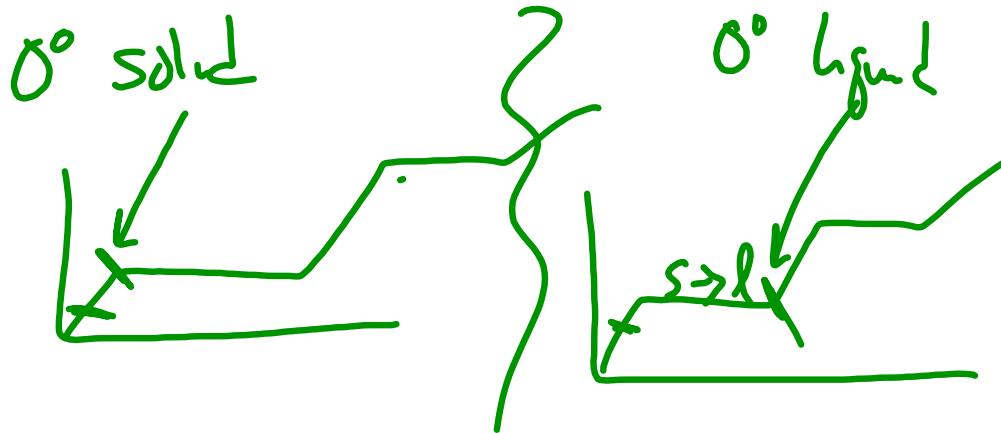
$$KE = \frac{1}{2} m v^2$$

$$= \frac{1}{2} (386.36) (29.52)^2 = 1,683 \times 10^5 \text{ J}$$

5/25







$\Delta H = -3351 \text{ kJ}$



ΔH part of mole ratio OUT prod exo