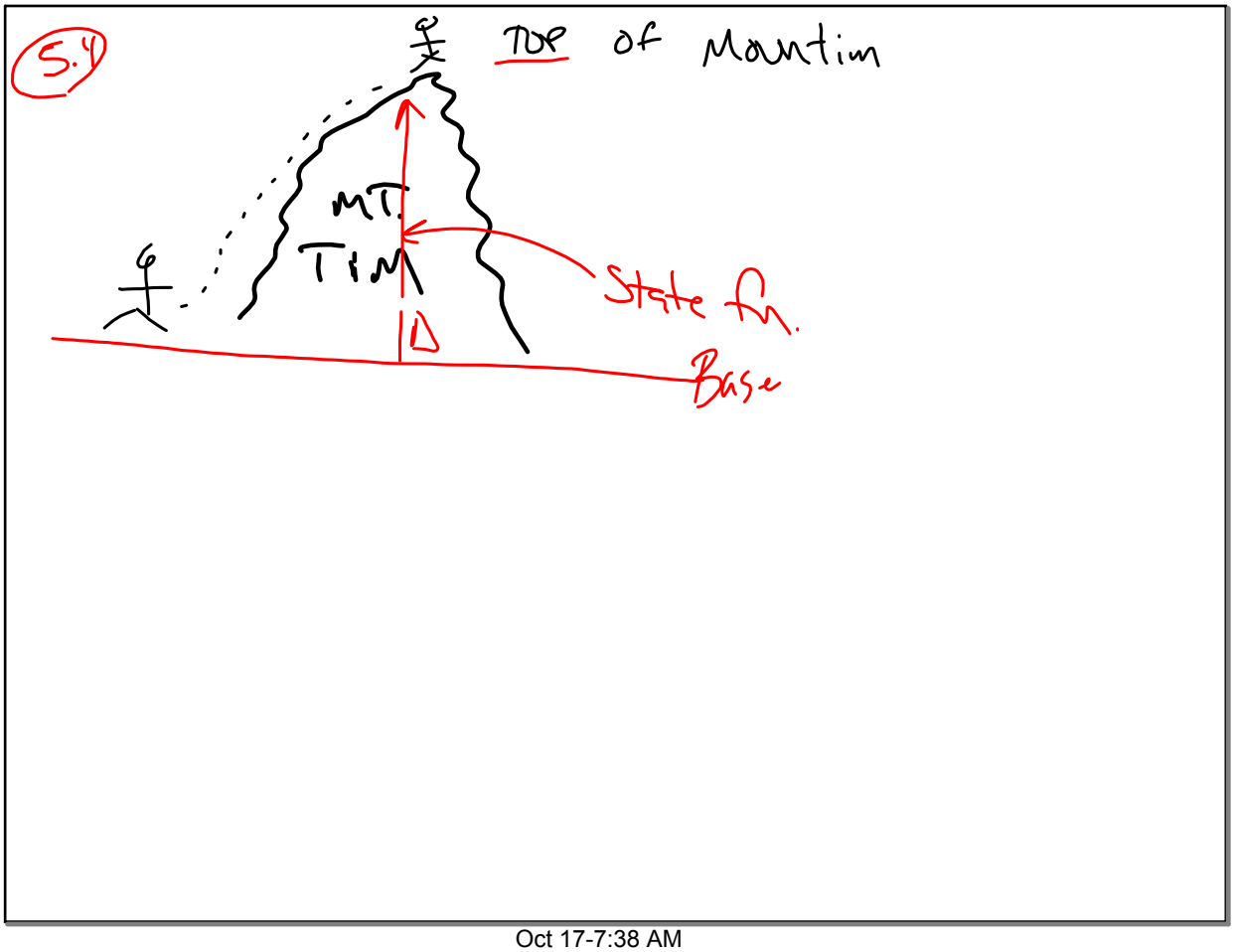
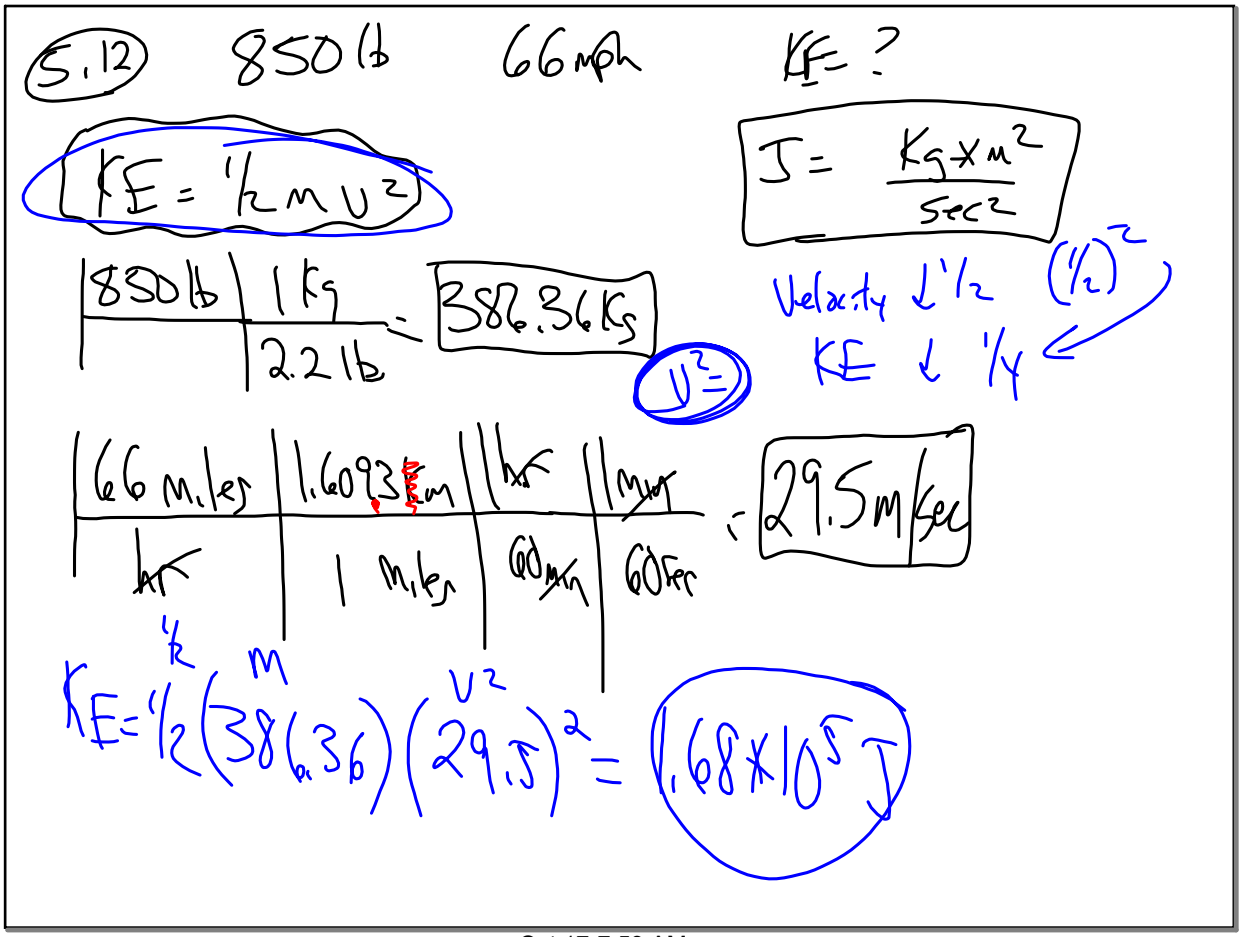


Oct 17-7:38 AM



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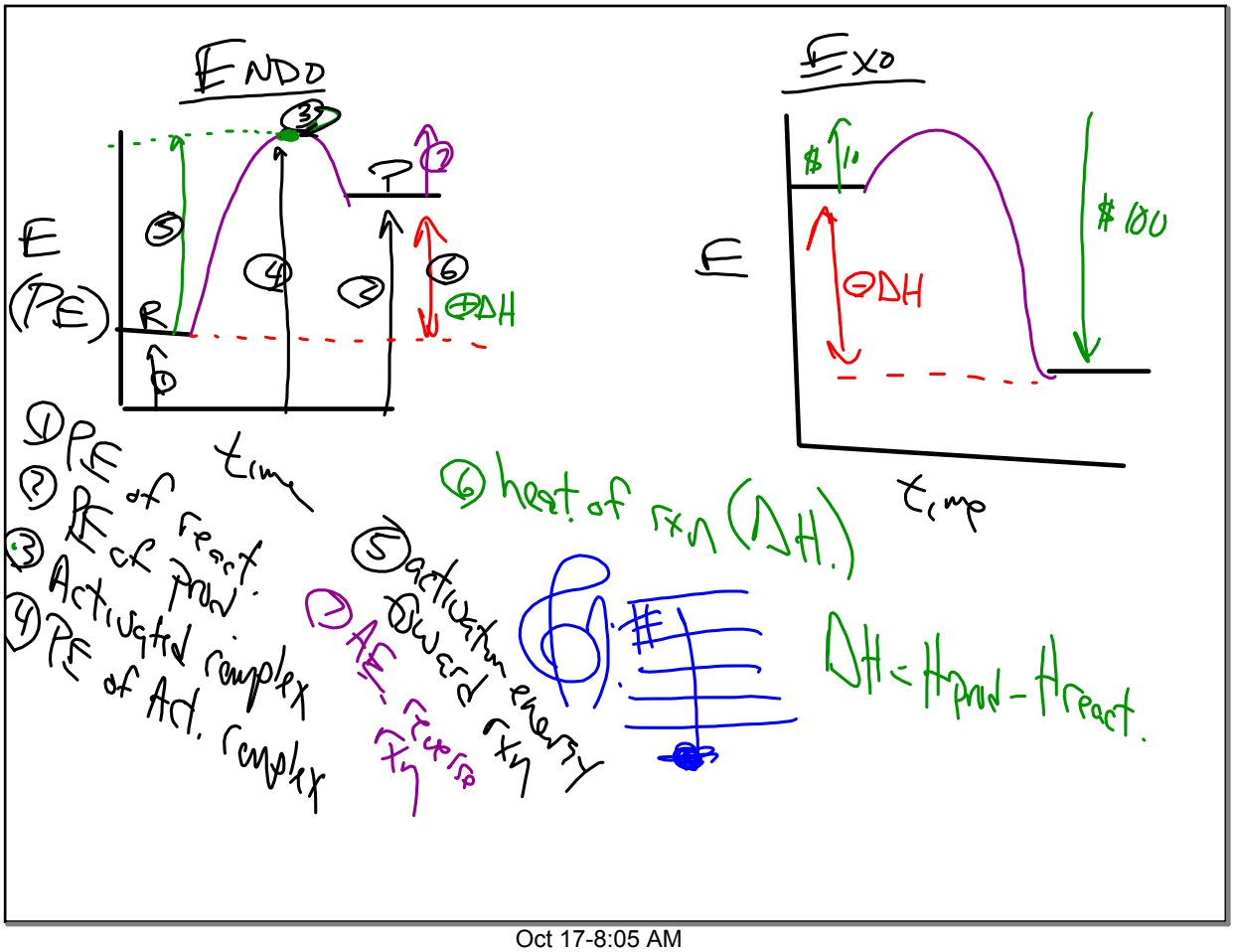

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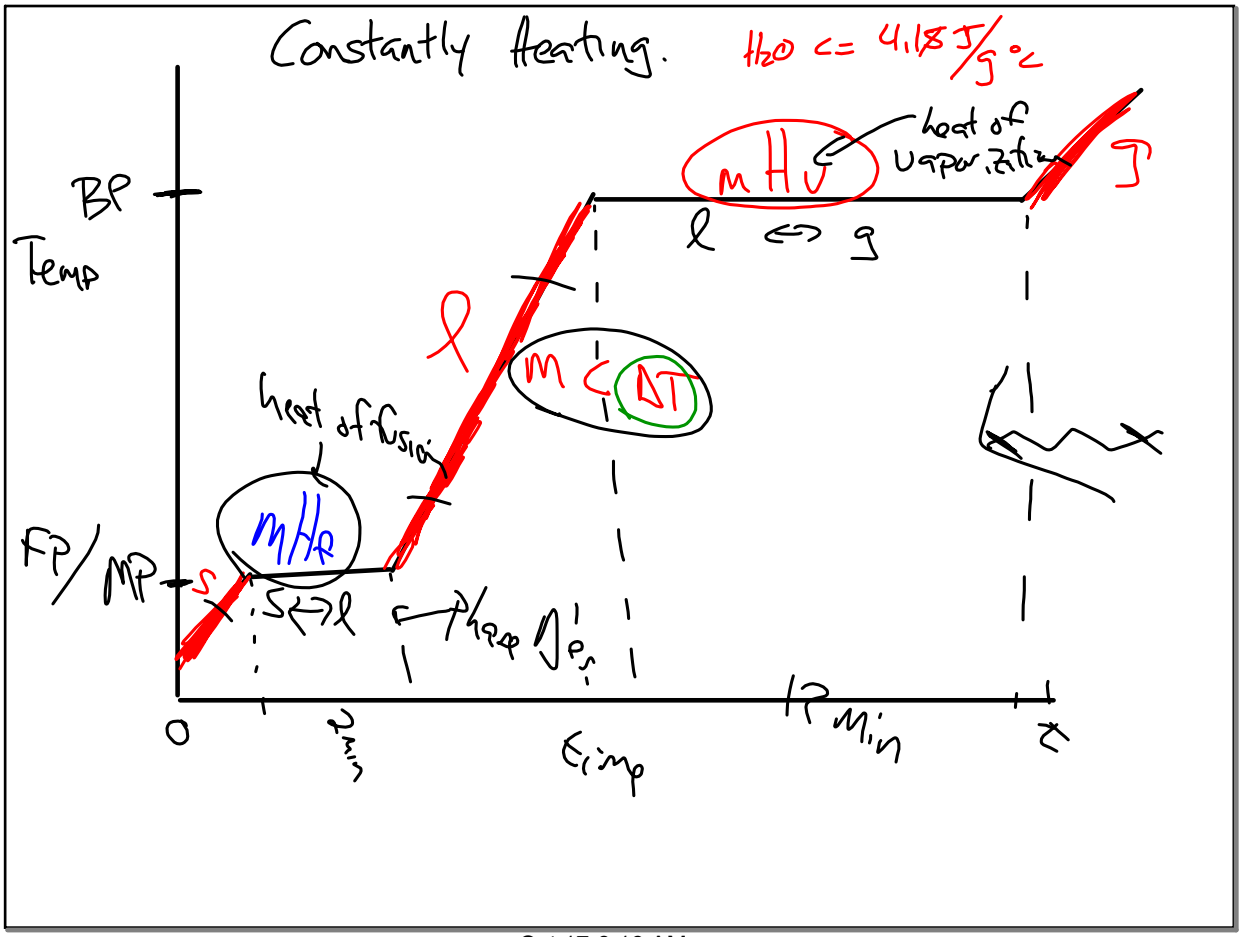
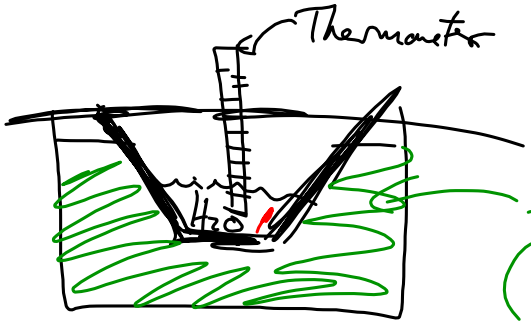


Oct 17-8:16 AM

Calorimeter (Thermos)



heat lost by Ni = heat gained H_2O

$MC\Delta T = MC\Delta T$

$(5g)(c)(100-30) = (5g)(4.18)(24-30)$

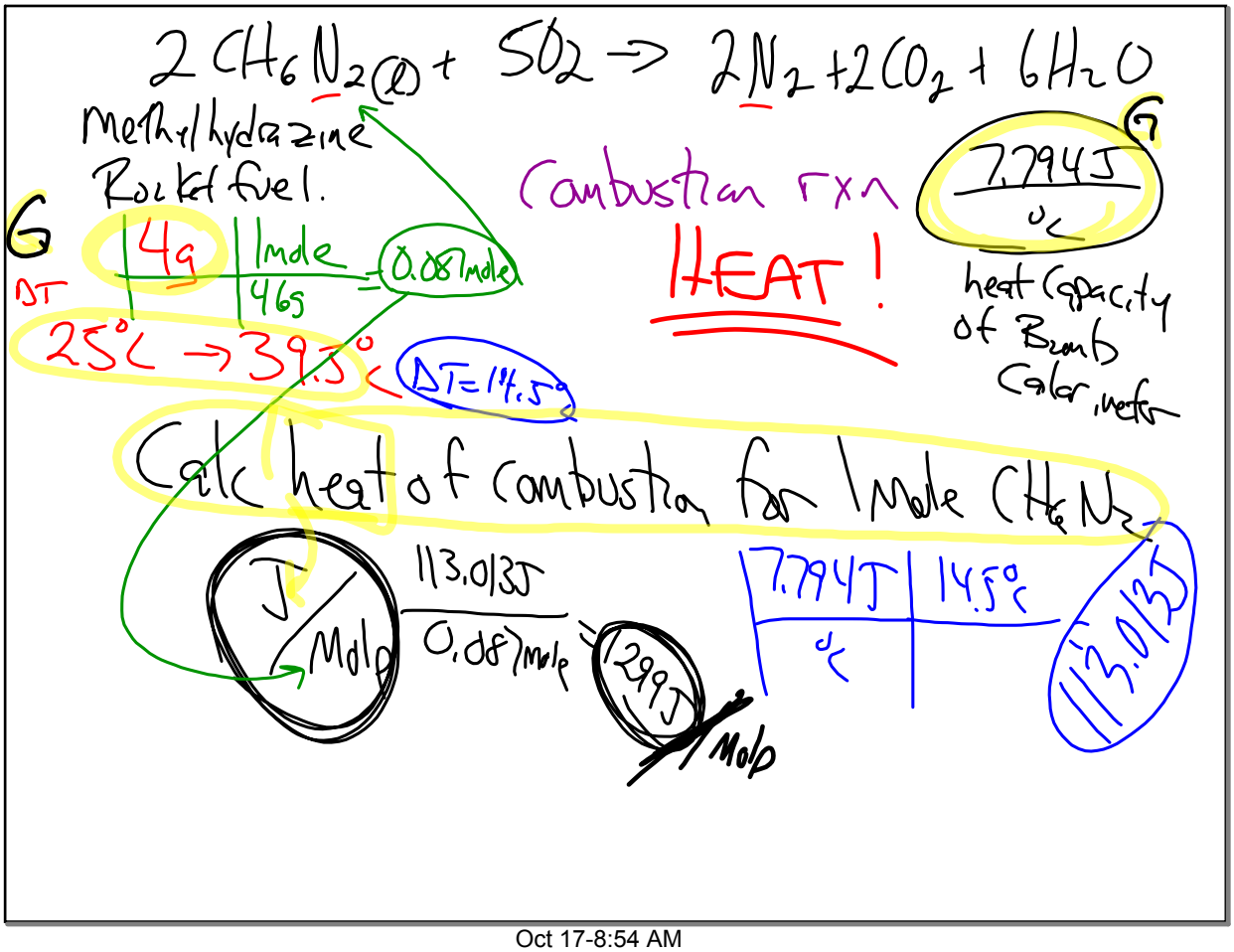
Oct 17-8:43 AM

(Specific heat $\frac{J}{g\,^\circ C}$) extensive

(Heat Capacity $\frac{J}{^\circ C}$) intensive

Mass independent.

Oct 17-8:51 AM



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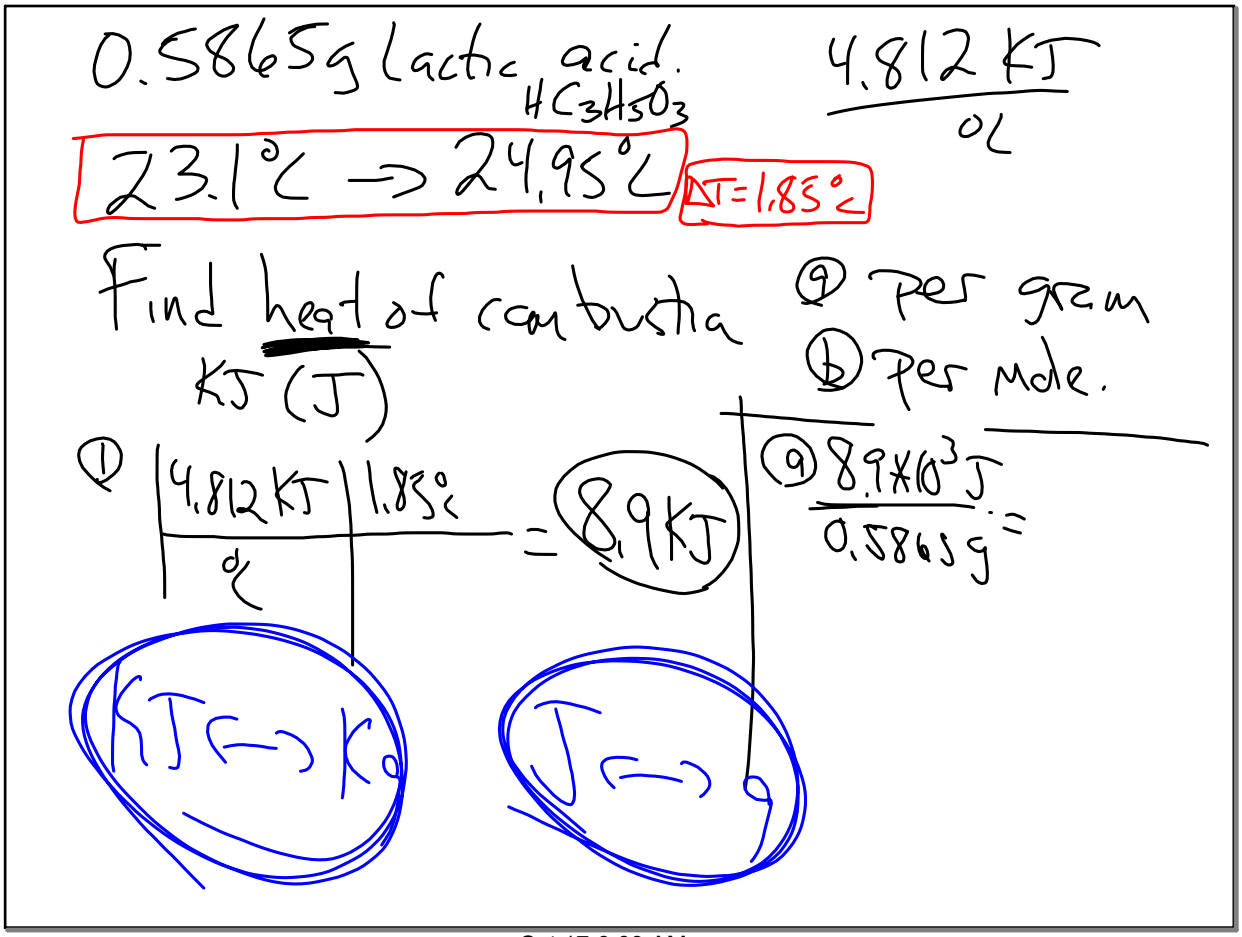
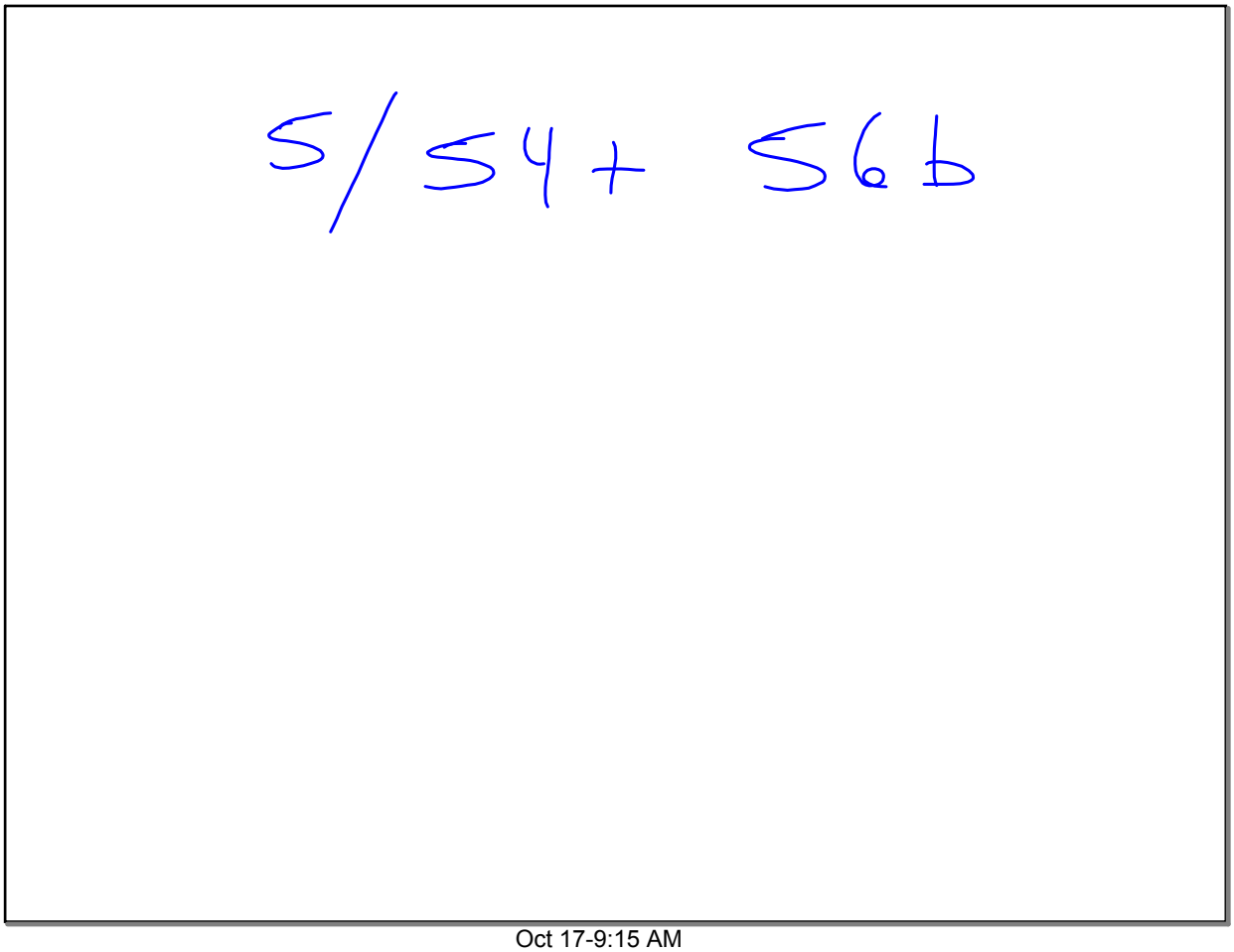


Oct 17-9:09 AM



Oct 17-9:15 AM