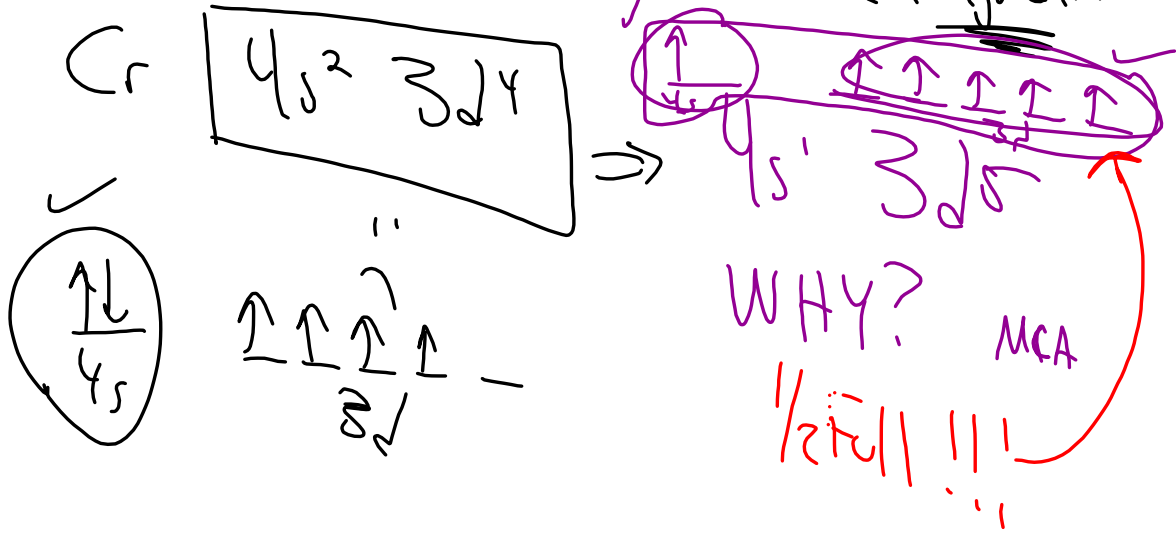
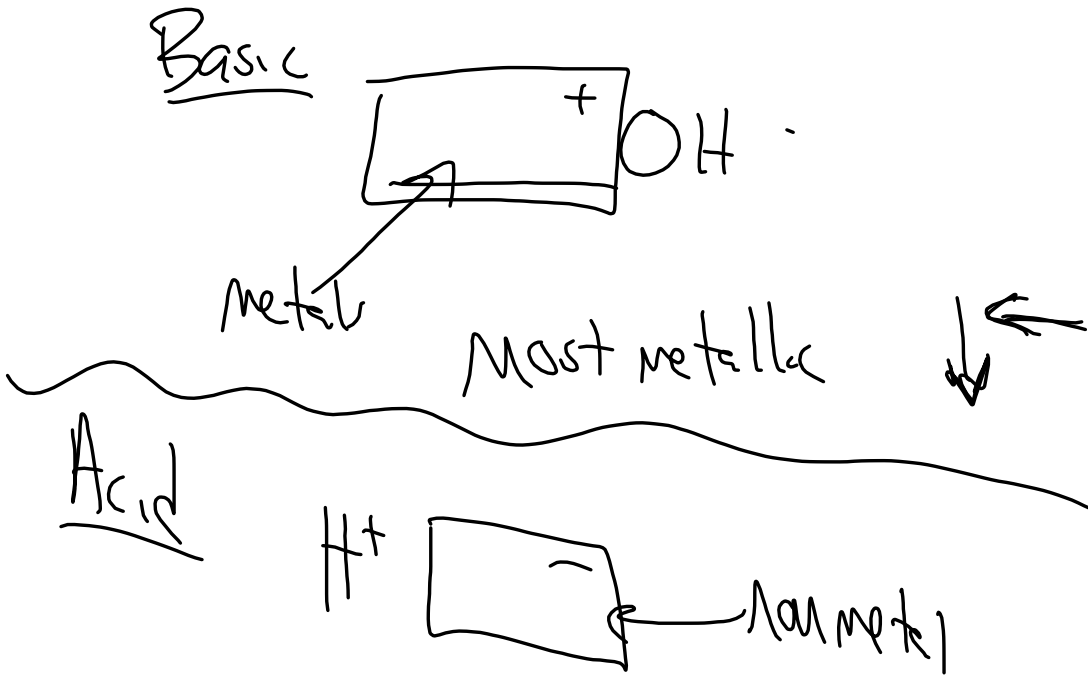


Exam 2 Thursday chap 5, 6, 7

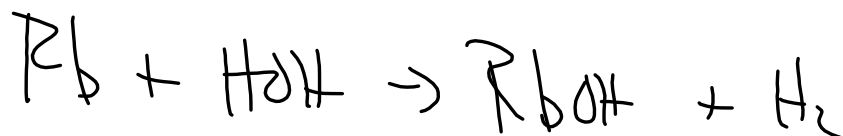
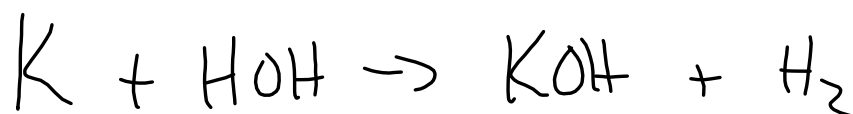
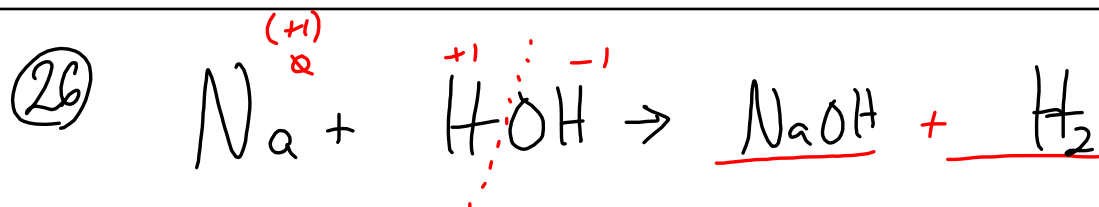
Show All Work : Explain answer in sentence fragment



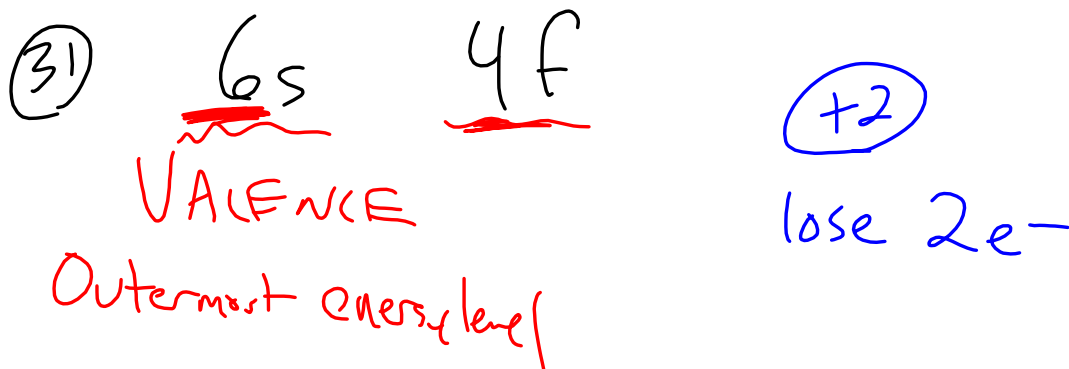
Nov 17-7:26 AM



Nov 17-8:34 AM



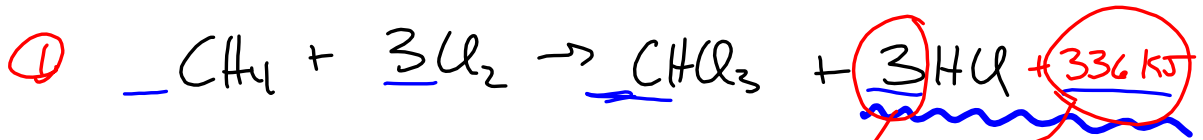
Nov 17-8:38 AM



Nov 17-8:46 AM

E4 F 2019

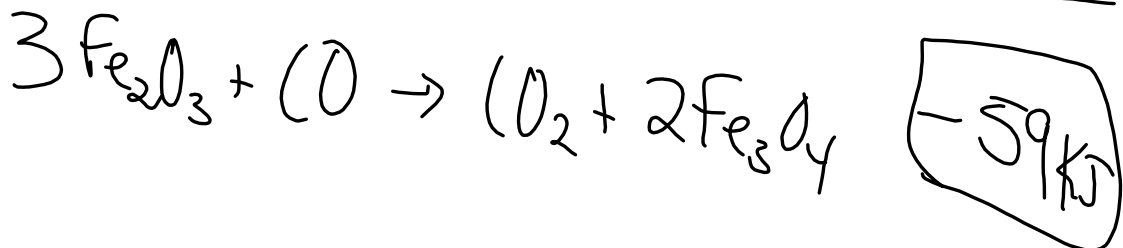
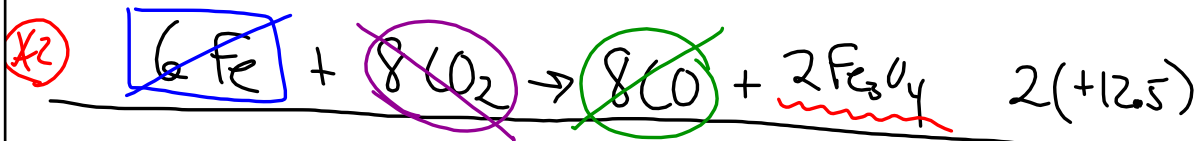
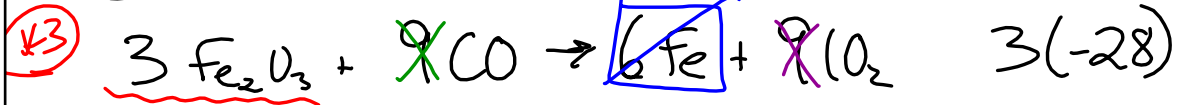
$\Delta H = -336 \text{ kJ}$   
Exo



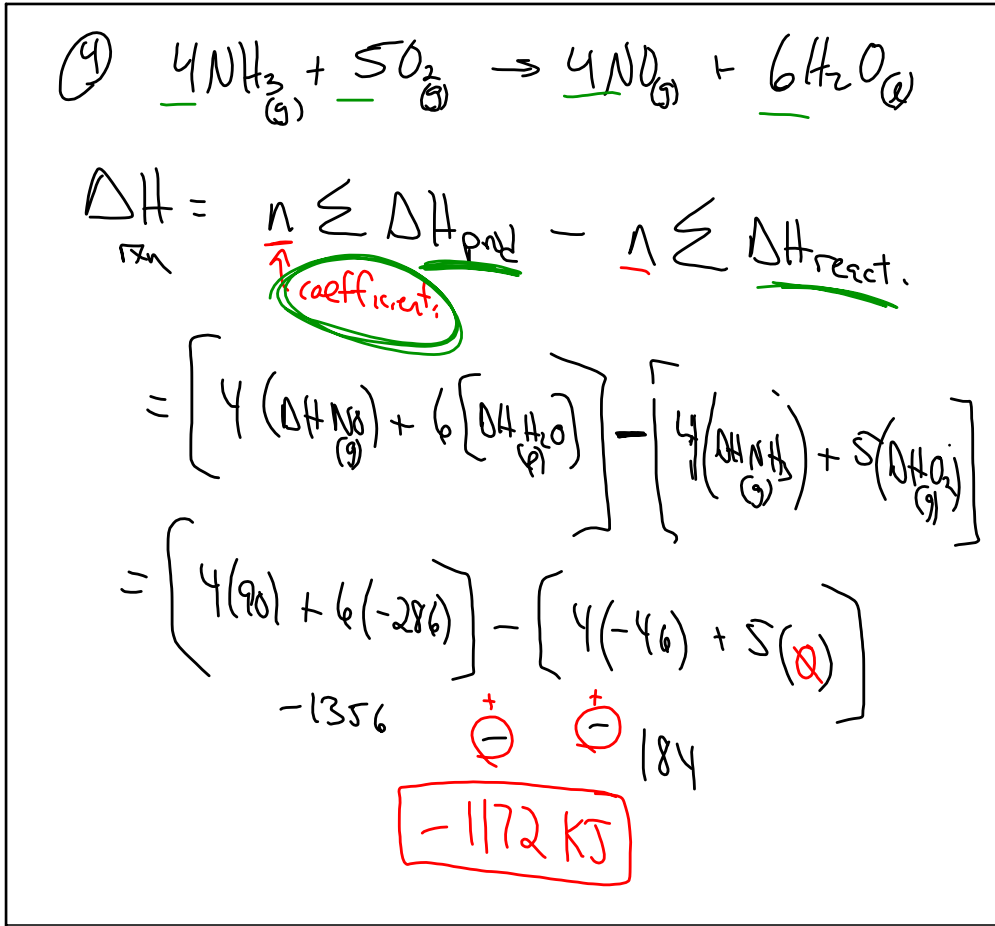
<del>23g HCl</del>	<del>1 mole HCl</del>	336 kJ	= 70.7 kJ
	36g HCl	<del>3 mole HCl</del>	

Nov 17-8:58 AM

③



Nov 17-9:03 AM



Nov 17-9:09 AM

$n$  (PEL)

Sublevel  $l$  (azimuthal)

Orbital  $m$  (magnetic)

$s$  (Spin)

$s \mid p \mid d \mid f$   
 $0 \mid 1 \mid 2 \mid 3$

$l = 3$   
 $f$  sublevel  
 $-3 \ -2 \ -1 \ 0 \ 1 \ 2 \ 3$   
 7 values

$-l$  to  $+l$

$\rightarrow P_x \ P_y \ P_z$   
 $-1 \ 0 \ +1$

$\pm \frac{1}{2}$

$\uparrow \downarrow \frac{1}{2}$

$\textcircled{Q\#14}$

Nov 17-9:20 AM

