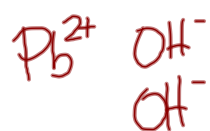
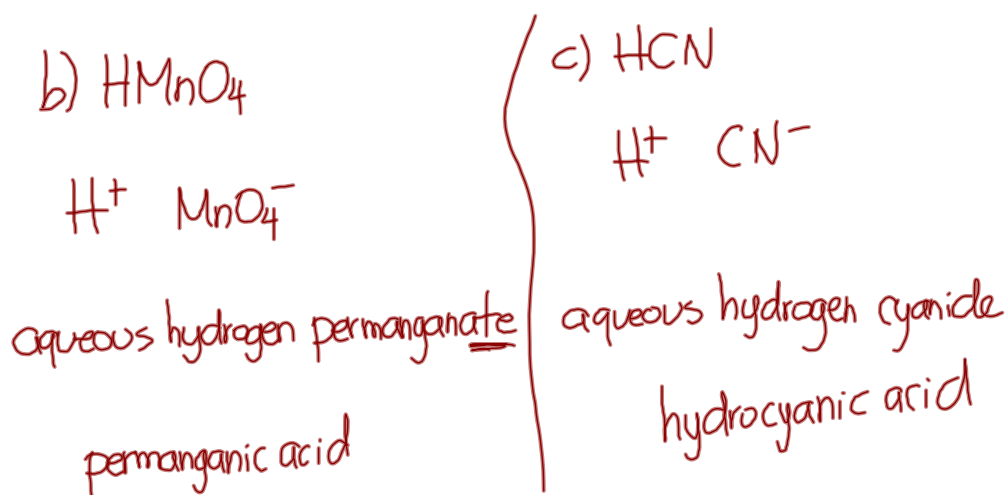


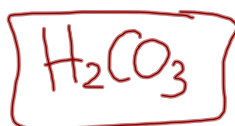
Homework

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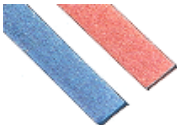


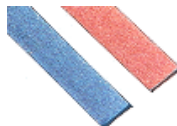
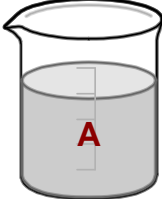
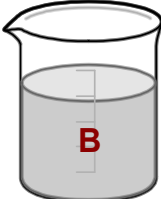
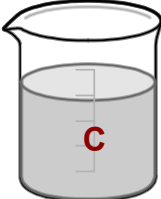
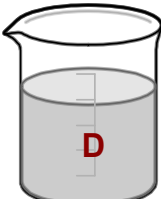
lead(II) hydroxide



Reminder:

Acids are aqueous hydrogen compounds that turn blue litmus red.

Bases are aqueous solutions of ionic hydroxides that turn red litmus blue.

				ACID
				BASE
				IONIC
				MOLECULAR
				
				

	LITMUS	CONDUCTIVITY
A	no change	yes (0.018)
B	red → blue	yes (0.020)
C	blue → red	yes (0.014)
D	no change	no

$\text{Ca}(\text{OH})_2$, HCl , NaNO_3 , $\text{C}_6\text{H}_{12}\text{O}_6$
 Base Acid Ionic Molecular

Identify each of the following as an acid, base, ionic compound or molecular compound.

Unknown	SATP State	Solution Conductivity	Litmus Test
A	solid	yes	red to blue
B	liquid	no	no change
C	gas	yes	blue to red
D	solid	yes	no change

B A D C

Identify each unknown as NH_3 , $\text{Ba}(\text{OH})_2$, NaNO_3 or HCl .

Acid-Base Worksheet