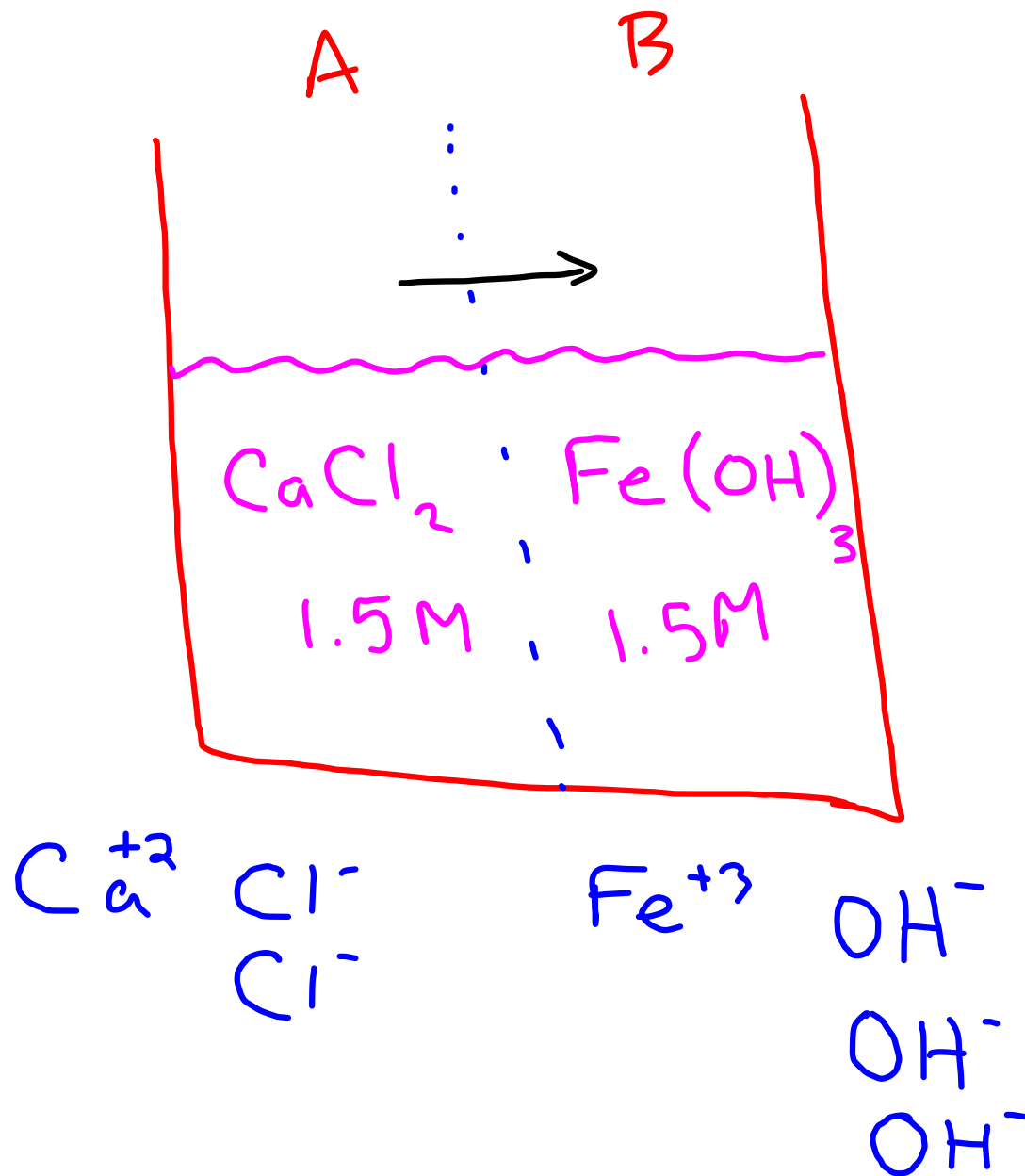


Mon 12/10

1:30-4



HNO_3 nitric acid

H_2SO_4 sulfuric acid

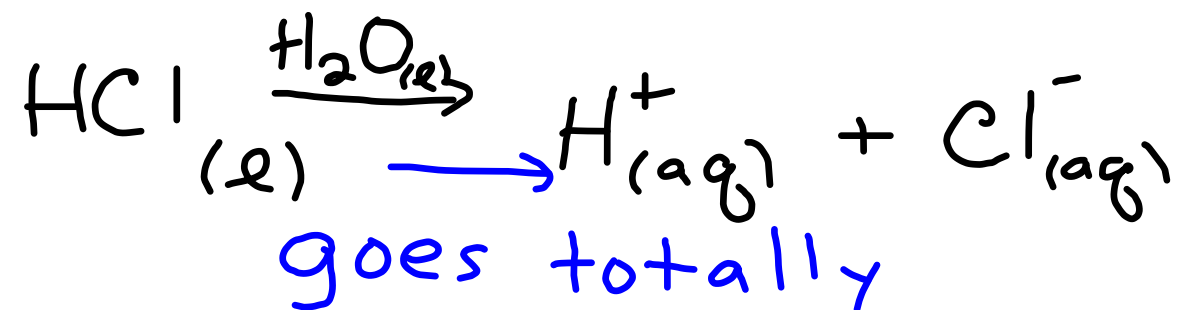
HClO_4 perchloric acid

HCl hydrochloric acid

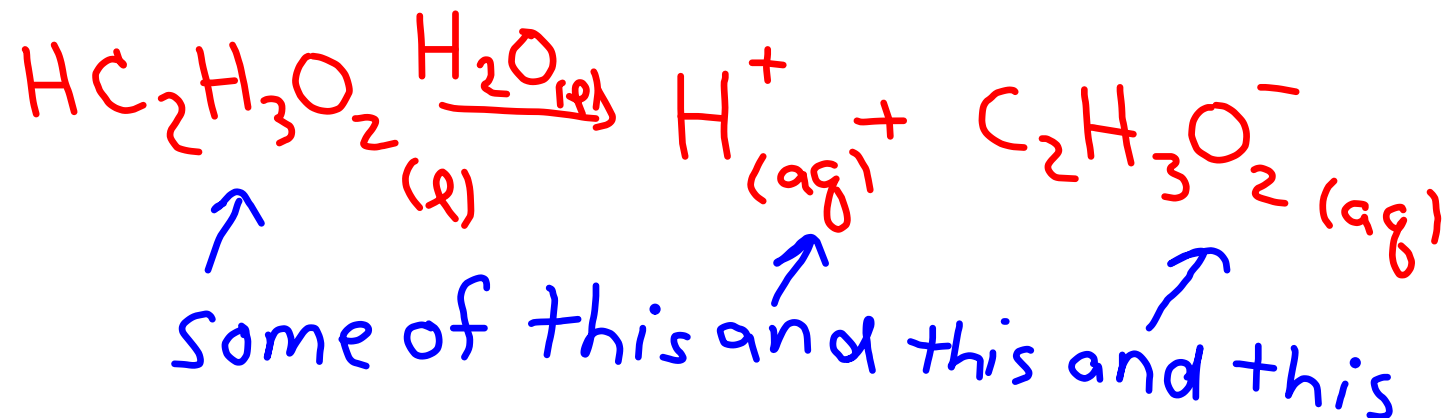
HBr hydrobromic acid

HI hydroiodic acid

Strong acid



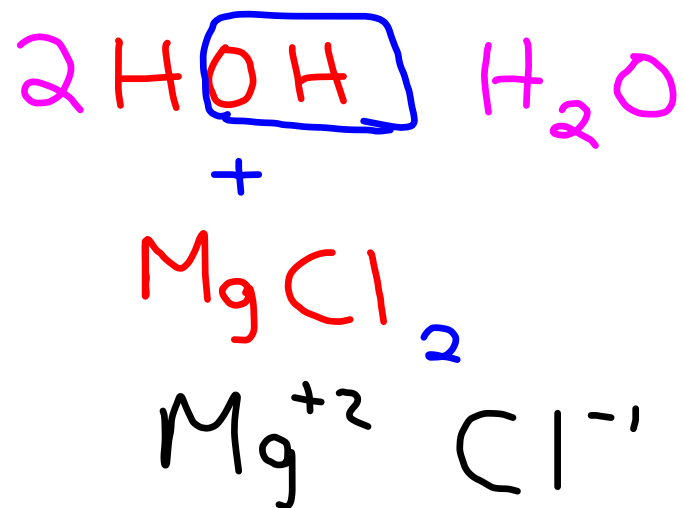
Weak acid



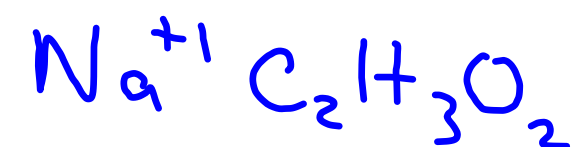
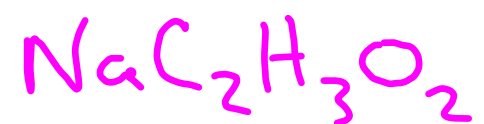
acid + base $\longrightarrow$ water + salt

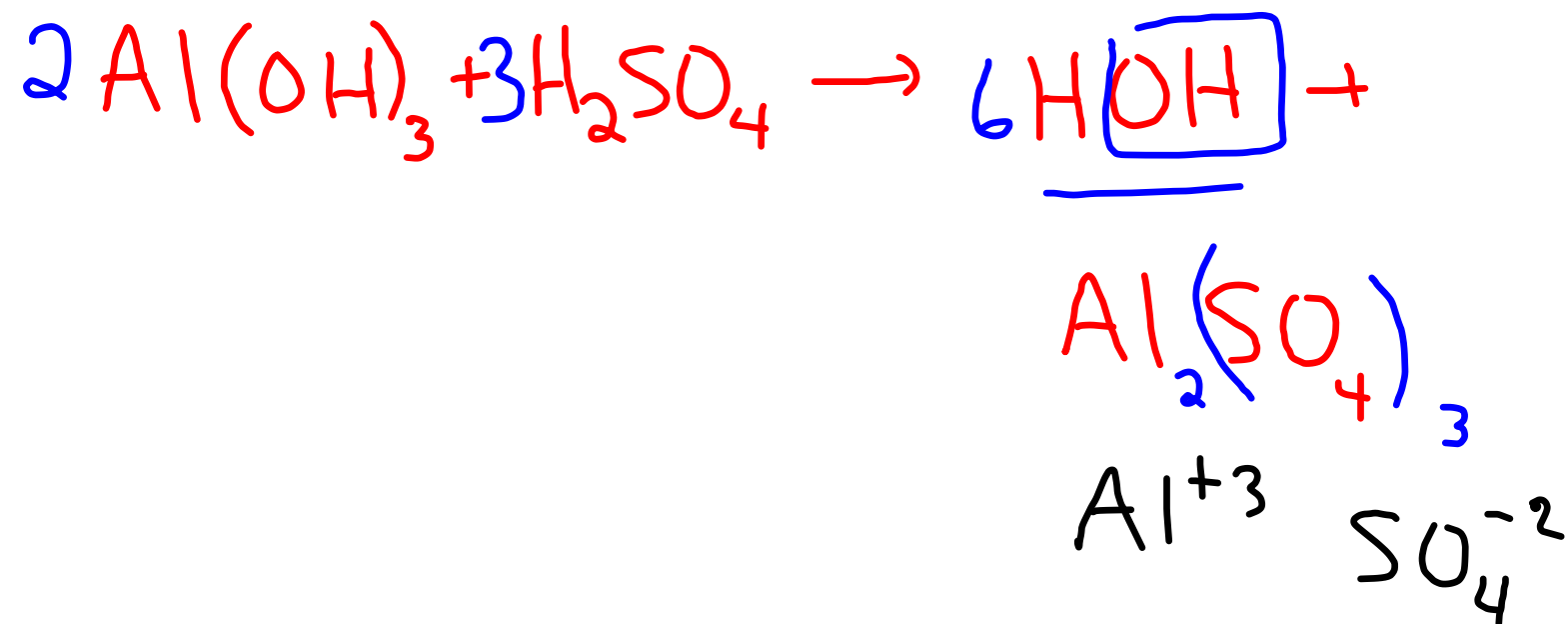


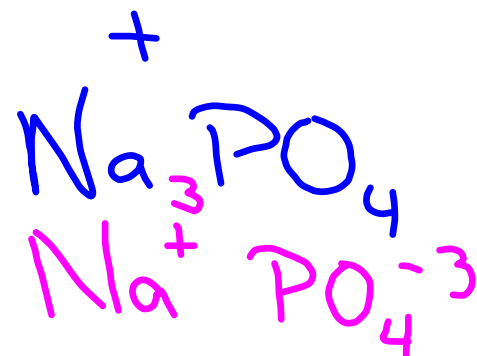
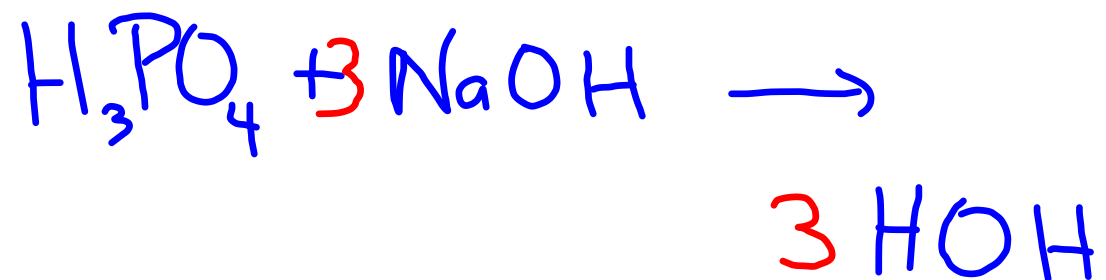
3a.



b



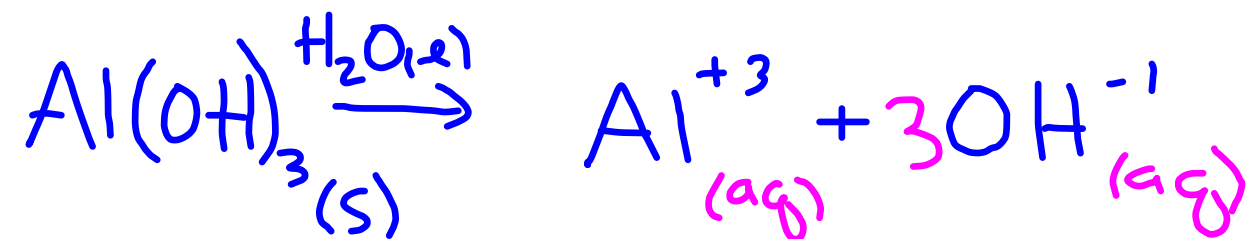




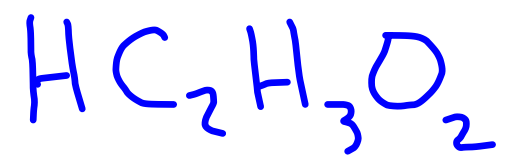
2 a.



2.
f.



6.



$\text{H} \quad \text{on } 1e^- \quad 1p$

$\text{H}^+ \quad \text{on } 0e^- \quad 1p$

5.

Buffer

- ① must have a weak acid
- ② when H^+ comes off it
is the salt of the weak acid

5

a. ①

b. Yes

c. Yes

d. ②



e.