

Have 12M HCl 3M 250ml

Dilution Add Distilled H₂O

Moles start = Moles end

$$M \times L = M \times L$$

$$(12) (\text{ml}) = (3) (250\text{ml})$$

62.5ml 12M HCl

$$\begin{array}{r} 250 \\ - 62.5 \\ \hline 187.5 \end{array} \text{ 12M HCl}$$

(187.5ml D. H₂O)

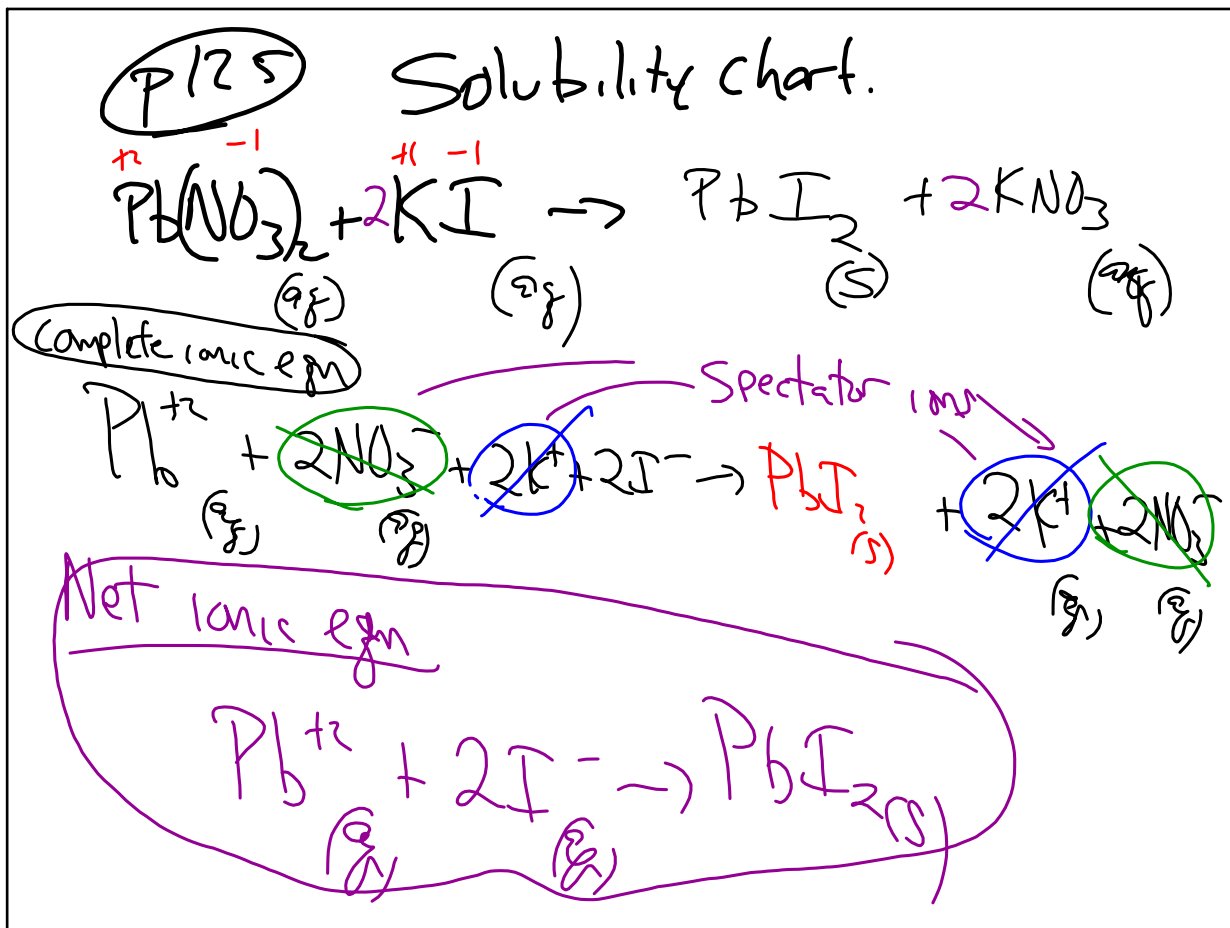
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Ion - charged Particle

conduct electricity

$$\text{NaCl} + \text{H}_2\text{O} \rightarrow \text{Na}^+_{(\text{aq})} + \text{Cl}^-_{(\text{aq})}$$

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Sep 29-9:08 AM

4.24
4.16
LAF

Sep 29-9:16 AM