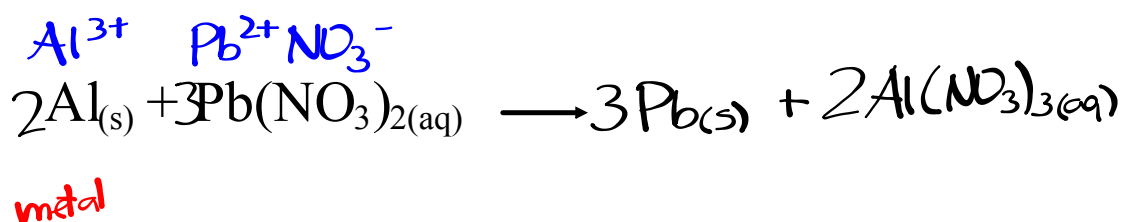
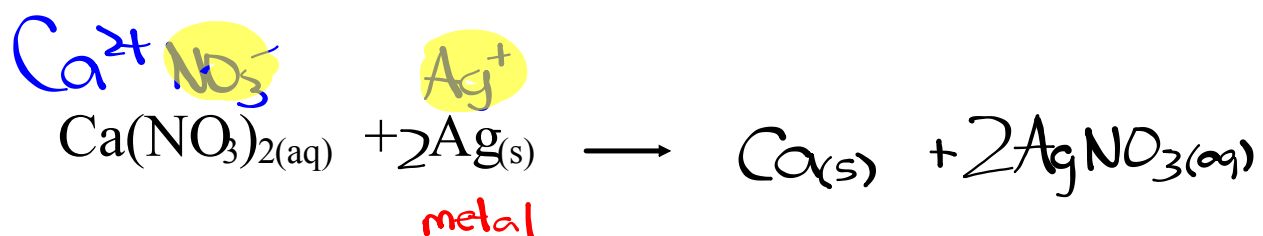
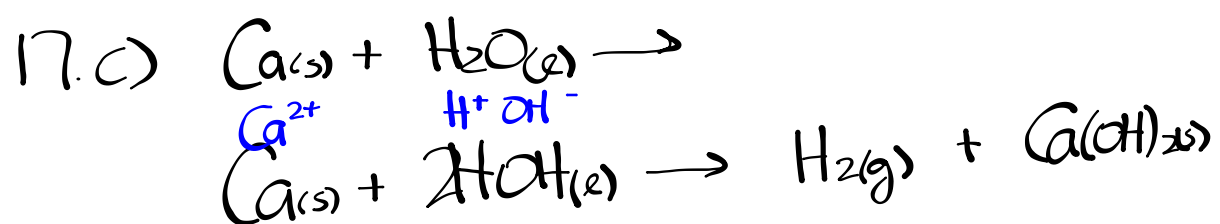


Warm Up



Homework - #17

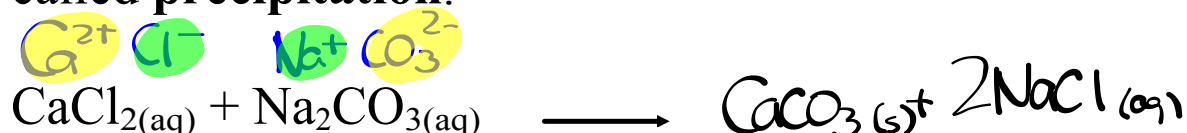


Chemical Reactions

V. Double Replacement Reaction

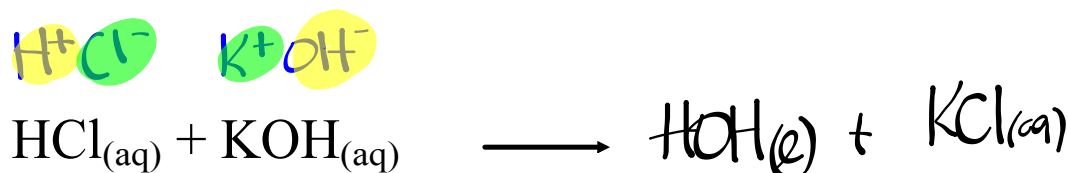
Reaction that occurs between two ionic compounds in solution. Ions will "change partners".

⇒ if one of the products has low solubility, it may form a precipitate (solid). This double replacement reaction is called **precipitation**.



compound **compound** **compound** **compound**

A second type of double replacement reaction is a **neutralization** reaction, which is a reaction between an acid and a base, to form water and an ionic compound.



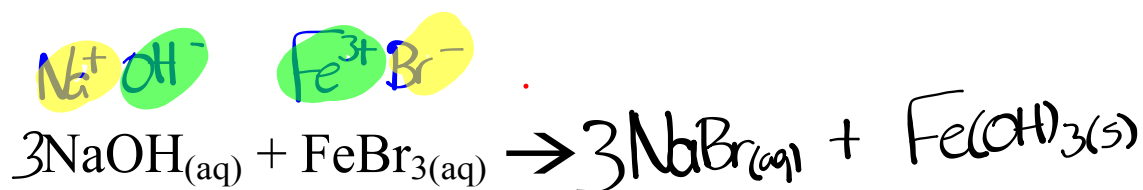
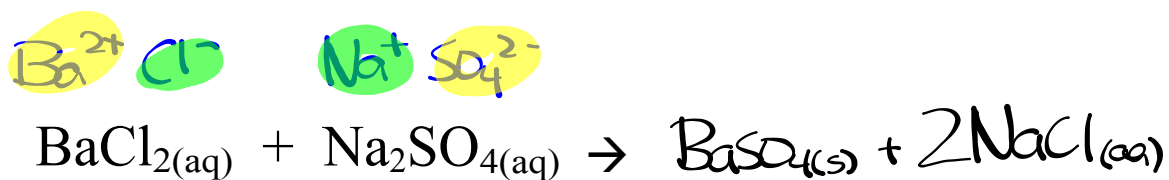
acid **base** **water** **ionic compound**

	Cl ⁻ , Br ⁻ , I ⁻		CO ₃ ²⁻ , PO ₄ ³⁻ , SO ₃ ²⁻
high (aq)	most		Group 1, NH ₄ ⁺
low (s)	...		most ↑

DOUBLE REPLACEMENT

Compound + compound \rightarrow Compound + compound

Practice Problems



Worksheet

p. 335 #18,19

p. 339 #22-27