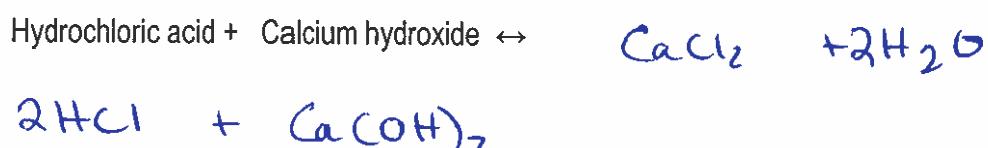
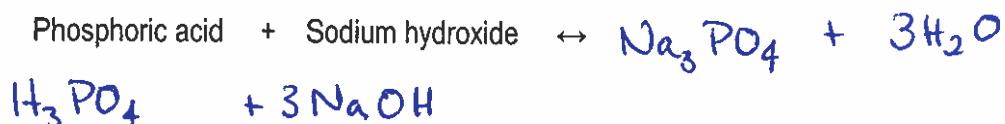
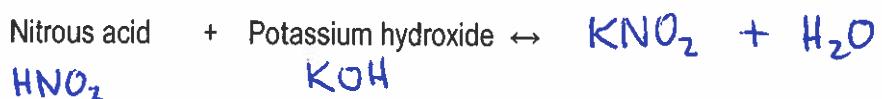
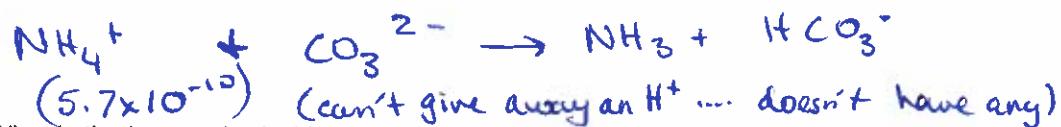
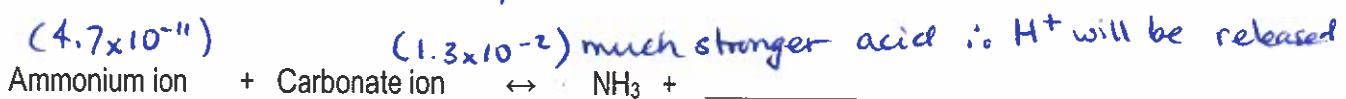
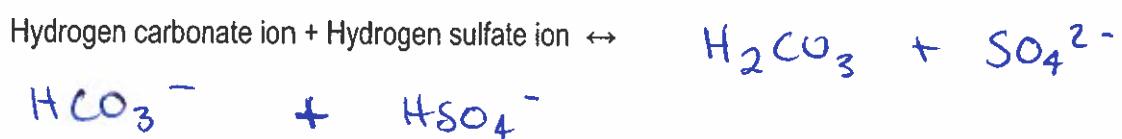


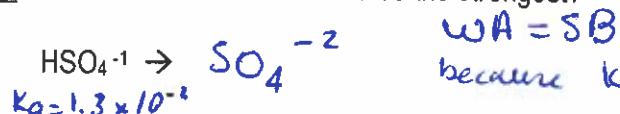
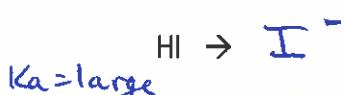
1. Give the formula for each compound. Complete the neutralization reaction and balance. Assume complete neutralization (producing water and a salt).



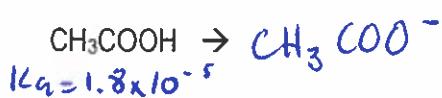
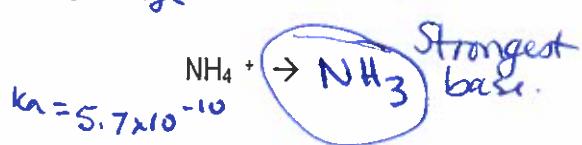
2. Use the table provided to determine which reactant will act as a base or an acid. Then complete & balance the rxns.



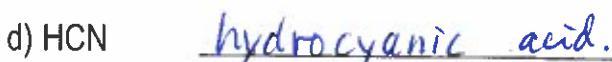
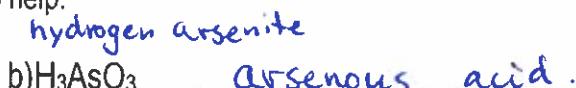
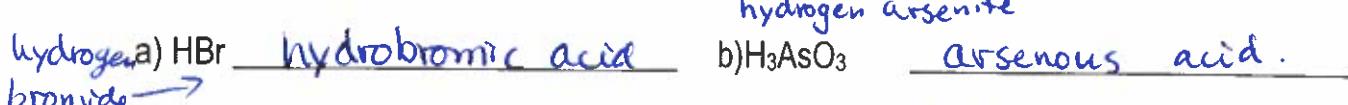
3. What is the base paired with each of the following acids? Which of these bases would be the strongest?



$WA = SB$   
because  $K_w = K_a \cdot K_b$



4. Name that acid! Use the list of polyatomic ions to help.



(2)

