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# Groupement amine et pH

pH diminue

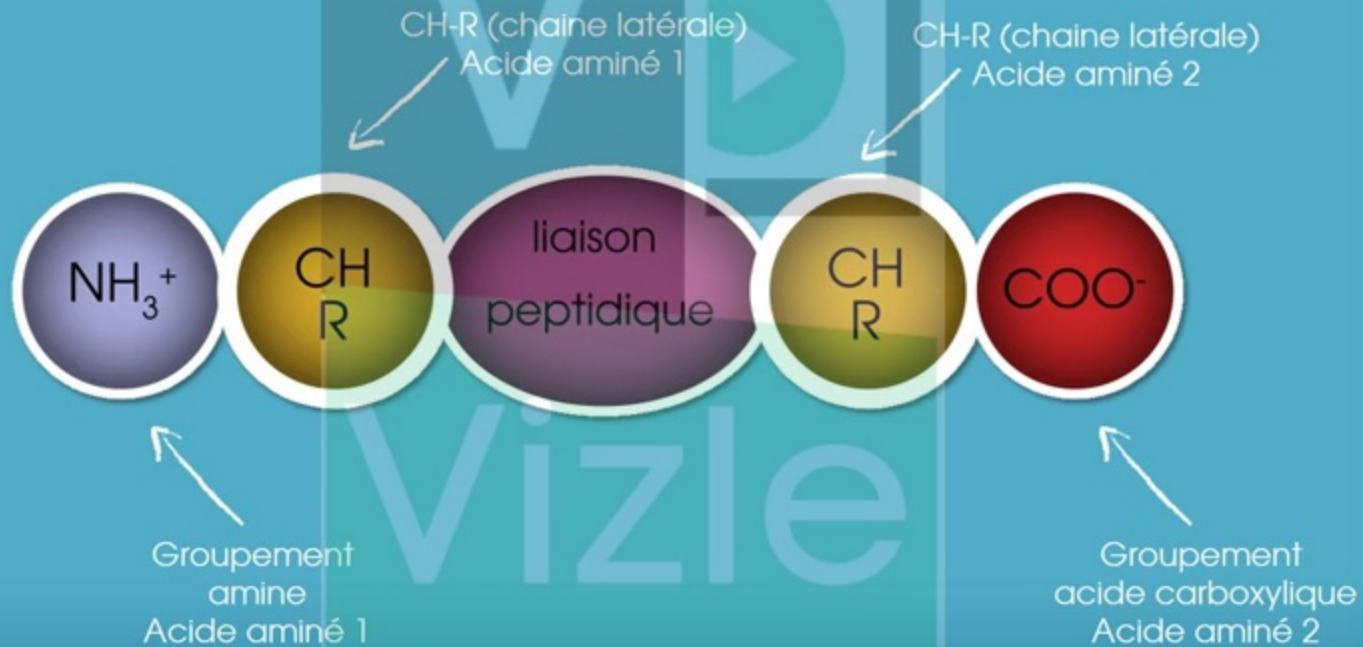
H<sup>+</sup>

NH<sub>2</sub>

H<sup>+</sup>

H<sup>+</sup>

# Exemple d'un dipeptide



## Etape 2: Ranger les pKa dans le tableau

		2,2				
COOH Lysine						
<b>TOTAL</b>						

# Exercice corrigé

## Enoncé:

Soit le peptide suivant : Asp - Arg - Val- Lys- Ile - His - His - Pro - Phe  
On vous donne les différents pKa :

	pKa COOH	pKa NH2	pKa R
Asp	2,2	9,8	3,9
Arg	2,3	9,0	12,5
Val	2,3	9,6	
Lys	2,2	9,0	10,5
Ile	2,4	9,7	
His	1,8	9,2	6,0
Pro	2,0	10,6	
Phe	1,8	9,1	



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