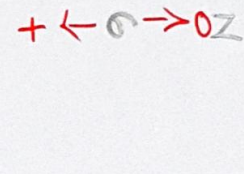
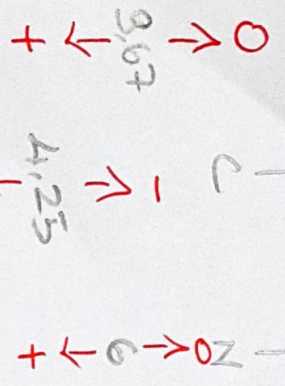
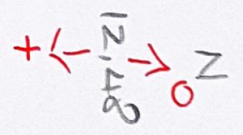


N-Glu - His - Trp - Ser - Gly - Leu - Arg - Pro - Gly - C

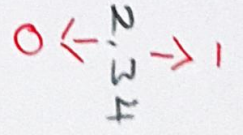


$\text{pH}3 = +$
 $\text{pH}8 = +$
 $\text{pH}11 = 0$
 $\text{pH}3 = 0$
 $\text{pH}8 = -$
 $\text{pH}11 = -$
 $\text{pH}3 = +$
 $\text{pH}8 = 0$
 $\text{pH}11 = 0$

Net Zet	pI
$\text{pH}3 = +2$	$3 < \text{pI} < 11$
$\text{pH}8 = 0$	
$\text{pH}11 = -1$	



$\text{pH}3 = +$
 $\text{pH}8 = +$
 $\text{pH}11 = +$



$\text{pH}3 = -$
 $\text{pH}8 = -$
 $\text{pH}11 = -$

* Birin amino asitler için sahip oldukları, pK değeri belirleyen görevi

Basik COO⁻ " - "

Basik NH₃ " + "

\uparrow
 COOH pK değeri?
 \downarrow
 Asidik COOH " 0 "

\uparrow
 NH₃ pK değeri?
 \downarrow
 Asidik NH₃H⁺ " + "

* Bir peptit zincirinde N terminal ve C terminali belirler.

* Fizyolojik şartlarda çoğu amino asit vordir. Bunun için Asp, Glu, Arg, Lys, His