

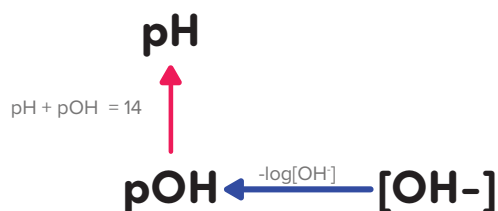
### How To Use

#### 1) Determine what the question asks for and what you have been given

What is the pH of a solution if the hydroxide concentration is  $10^{-9}$  M?

Given  $[\text{OH}^-]$  but the question wants pH

#### 2) Plot out the path from given to the answer on the concept map (when possible convert between p-scales rather than concentrations or K values)



#### 3) Calculate the math as indicated in each step of the path you have plotted out on the map

