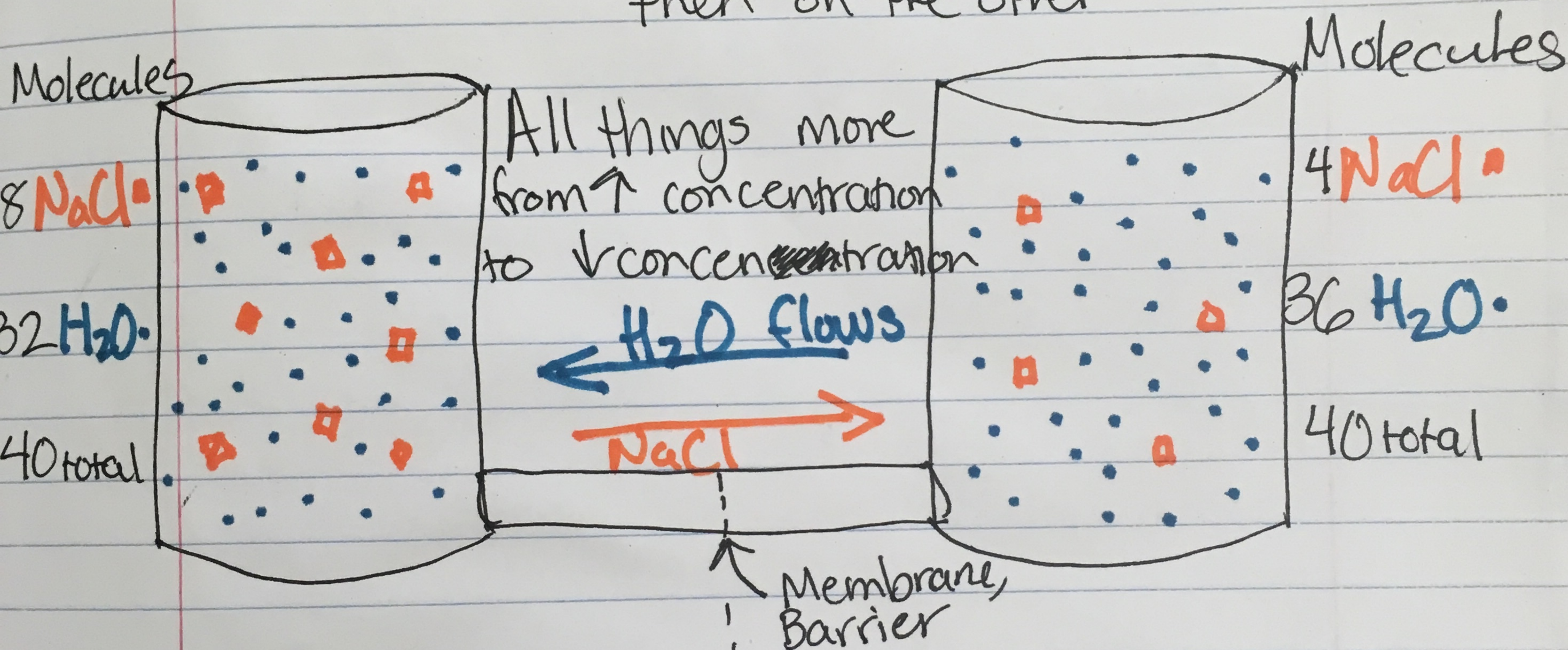


What happens when there is a Concentration Gradient across a Membrane?

Solute: Substance being dissolved
 ex **NaCl (salt)**

Solvent: What it's dissolved in
 ex **Water (H₂O)**

Concentration Gradient: Concentration (%) of **solute** on one side of a barrier is higher than on the other



8 NaCl : 32 H₂O

4 NaCl : 36 H₂O

20% NaCl to 80% H₂O

10% NaCl to 90% H₂O

Higher Concentration **NaCl** | lower Concentration **NaCl**
 lower concentration **H₂O** | Higher Concentration **H₂O**

Equilibrium: Same % of solute & solvent on both sides