

SOLUTIONS:

- Mixtures of chemicals where they are completely, evenly spread out
- Our cells are filled with chemical solutions!
(There's other stuff too...)

usually
water

in biology...

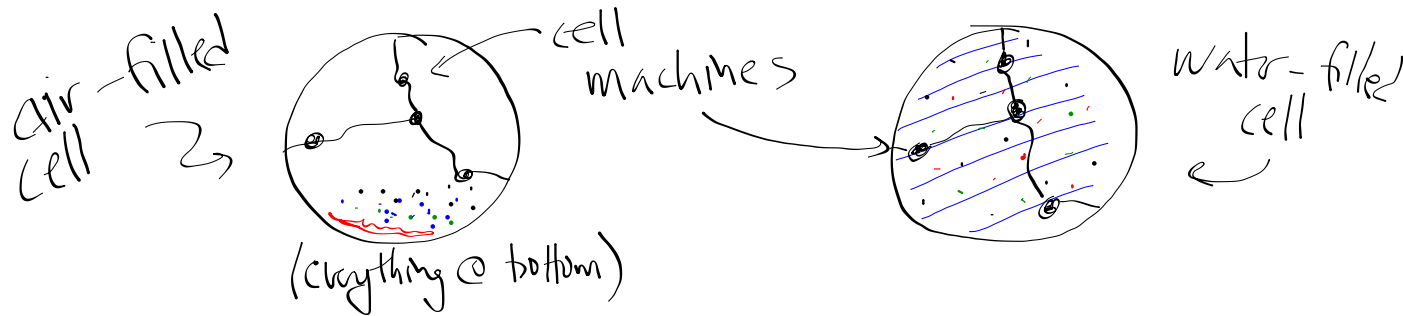
• SOLVENT: The substance (usually a liquid) that the other stuff is mixed into.

lots of
dissolved chemicals
(like seawater)

• SOLUTE(s): The substances mixed into the solvent

Because our cells are filled with solutions...

1. It keeps everything in our cells floating:



2. The solutes in our cells can react with each other and other chemicals — these reactions power your cells & allow them to function!

Our goal:

Using the simulation, recognize and understand the role that solutions play in facilitating chemical reactions. (THIS IS THE KIND OF THING THAT HAPPENS IN OUR CELLS!)