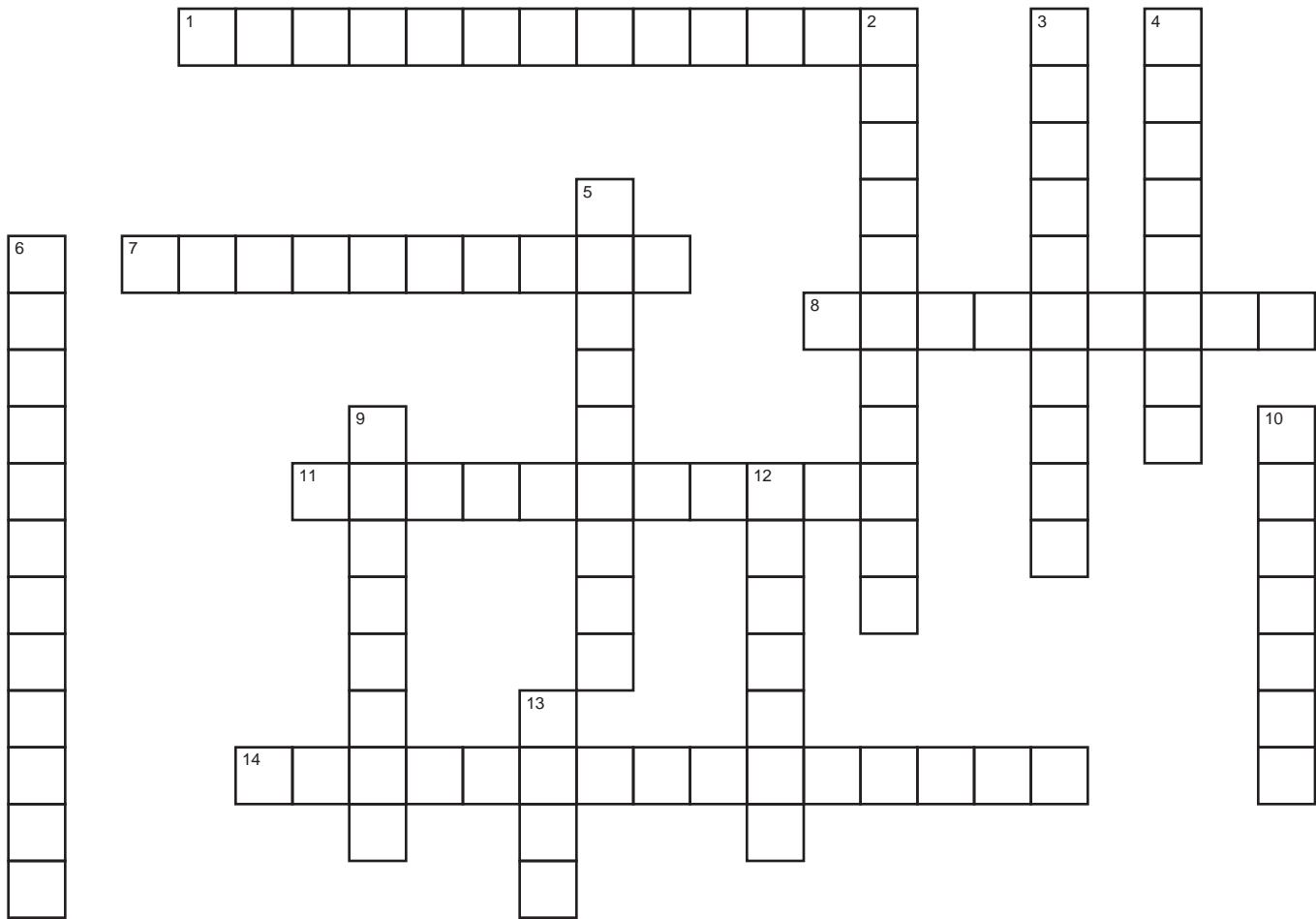


Role Of Water And Homeostasis

USATestprep, Inc. Puzzle

Name: _____ Teacher: _____ Date: _____



Across

- Two parts hydrogen and one part oxygen, this polar molecule is responsible for life on earth.
- A solution that causes a cell to shrink because of the high concentration of solute in the solution surrounding the cell.
- A solution that causes a cell to swell because of osmosis.
- This is a regulation of the internal environment of an organism.
- Process requiring energy for the movement of particles across a cell membrane against the concentration gradient.

Down

- This is the process where cells engulf material from outside their cell membranes.
- This is the transport of material out of a cell by means of a sac or vesicle that first engulfs the material and then is extruded through an opening in the cell membrane.
- When the concentration of solute and solvent are equal on both sides of the membrane.
- The process when molecules tend to move from an area of high concentration to an area of low concentration.
- A thin, flexible, semipermeable barrier around the cell which regulates what enters and leaves the cell.
- This is the uneven distribution of bonding electrons in a molecule creating partially positive and negative sides of that molecule.
- The movement of water through a selectively permeable membrane from an area of high concentration to low concentration.
- The substance that dissolves the solute.
- This is the structural and functional unit of all living organisms, and are sometimes called the "building blocks of life."