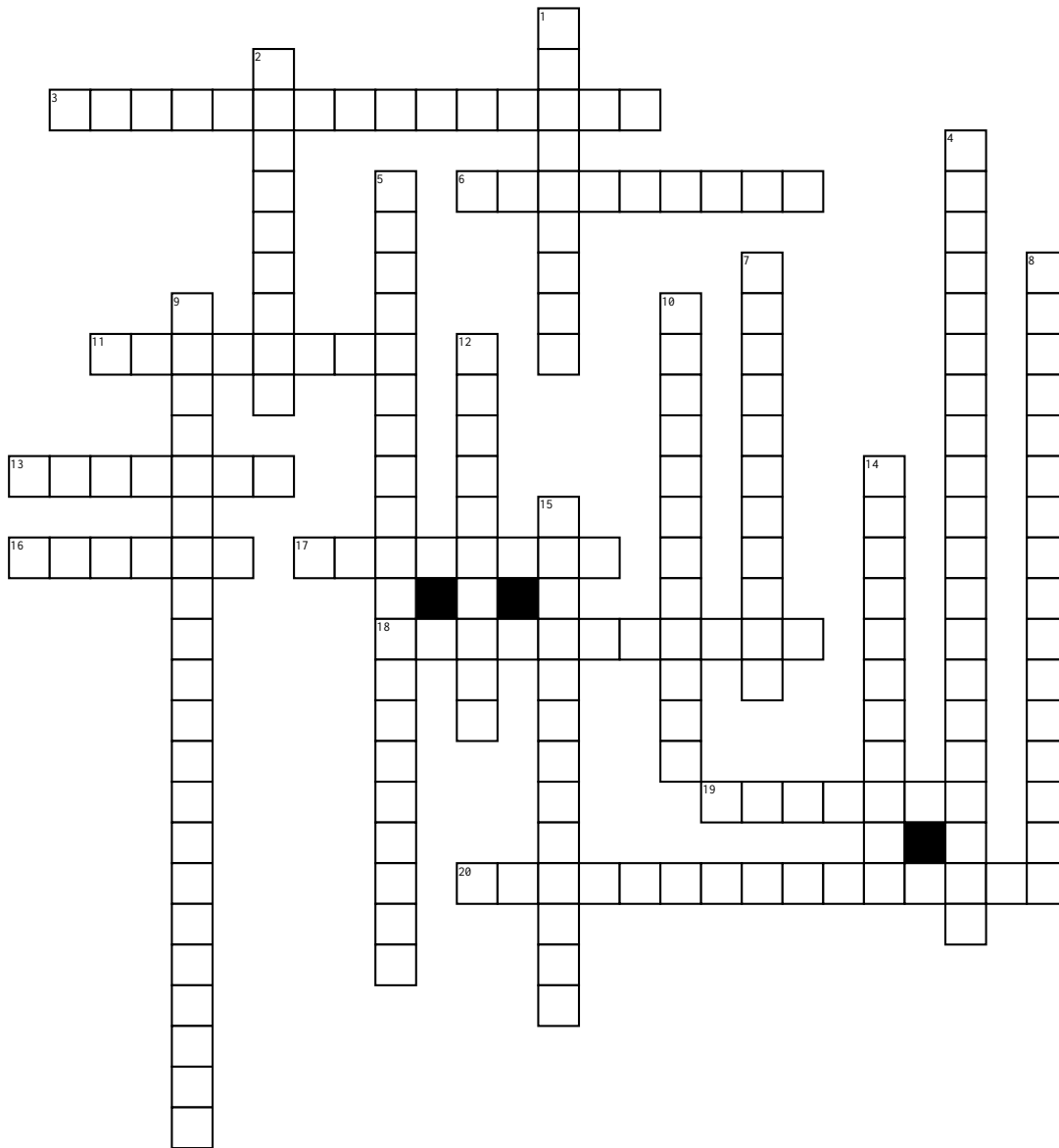


Cell processes



Across

3. the external pressure that must be applied to stop osmosis
6. Having a lower concentration of solute than another solution
11. when the concentration of two solutions is the same
13. A liquid substance capable of dissolving solute
16. A substance that is dissolved in a solution.
17. A mixture that forms when one solute dissolves a solvent
18. Cell drinking
19. The diffusion of water
20. requires energy and travels from low to high concentrations

Down

1. water channel protein in a cell
2. Movement of molecules from an area of higher concentration to an area of lower concentration
4. Movement of specific molecules across cell membranes through protein channels
5. a property of cell membranes that allows some substances to pass through, while others cannot
7. movement of large amounts of material out of the cell
8. Travels from high concentration to low concentration

9. A difference in the concentration of a substance across a distance.
10. Cell eating
12. when comparing two solutions, the solution with the greater concentration of solutes
14. the taking in of matter by a living cell by infolding of its membrane to form a vacuole.
15. A measurement of how much solute exists within a certain volume of solvent