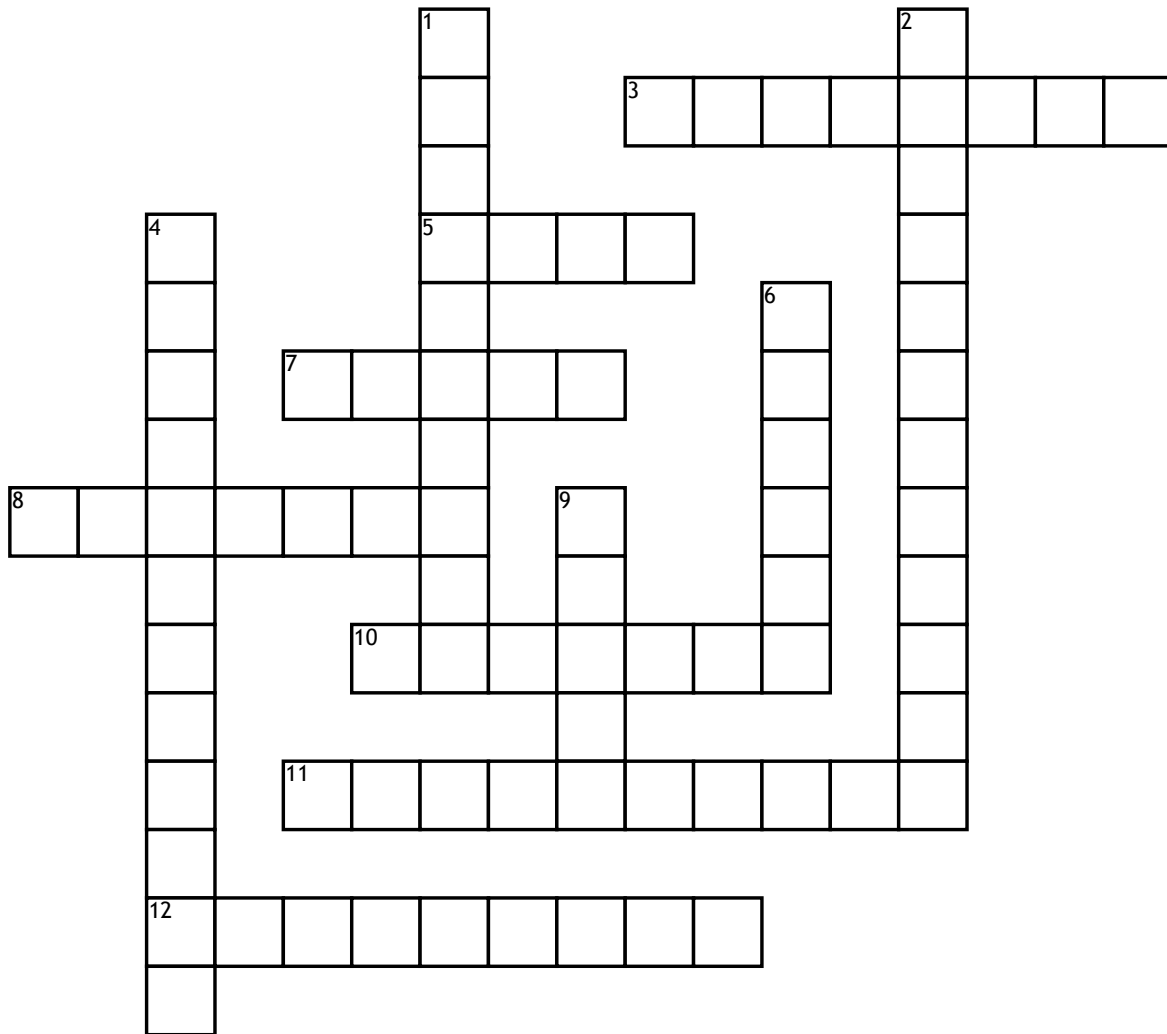


Chemistry and the cell



Across

- 3. Most abundant biological molecules in the body.
- 5. Smallest unit of life.
- 7. Hair like projections that move material across surface of cell.
- 8. Genetic blueprints that direct cell replication are located in the-
- 10. Passive movement of water molecules from area of high concentration to low concentration.

- 11. Creates 36 molecules of ATP for every molecule of glucose.
- 12. Water, oxygen, & carbon dioxide, are all examples of _____ molecules.

Down

- 1. Creates 2 molecules of ATP for every molecule of glucose.

- 2. The _____ acts as a selective gate keeper facilitating the movement of substances into and/or out of the cell.
- 4. Production of energy
- 6. _____ are fatty, oily, greasy compounds found in body.
- 9. Microscopic building blocks. + charged core, a nucleus, and are surrounded by - charged electron cloud.