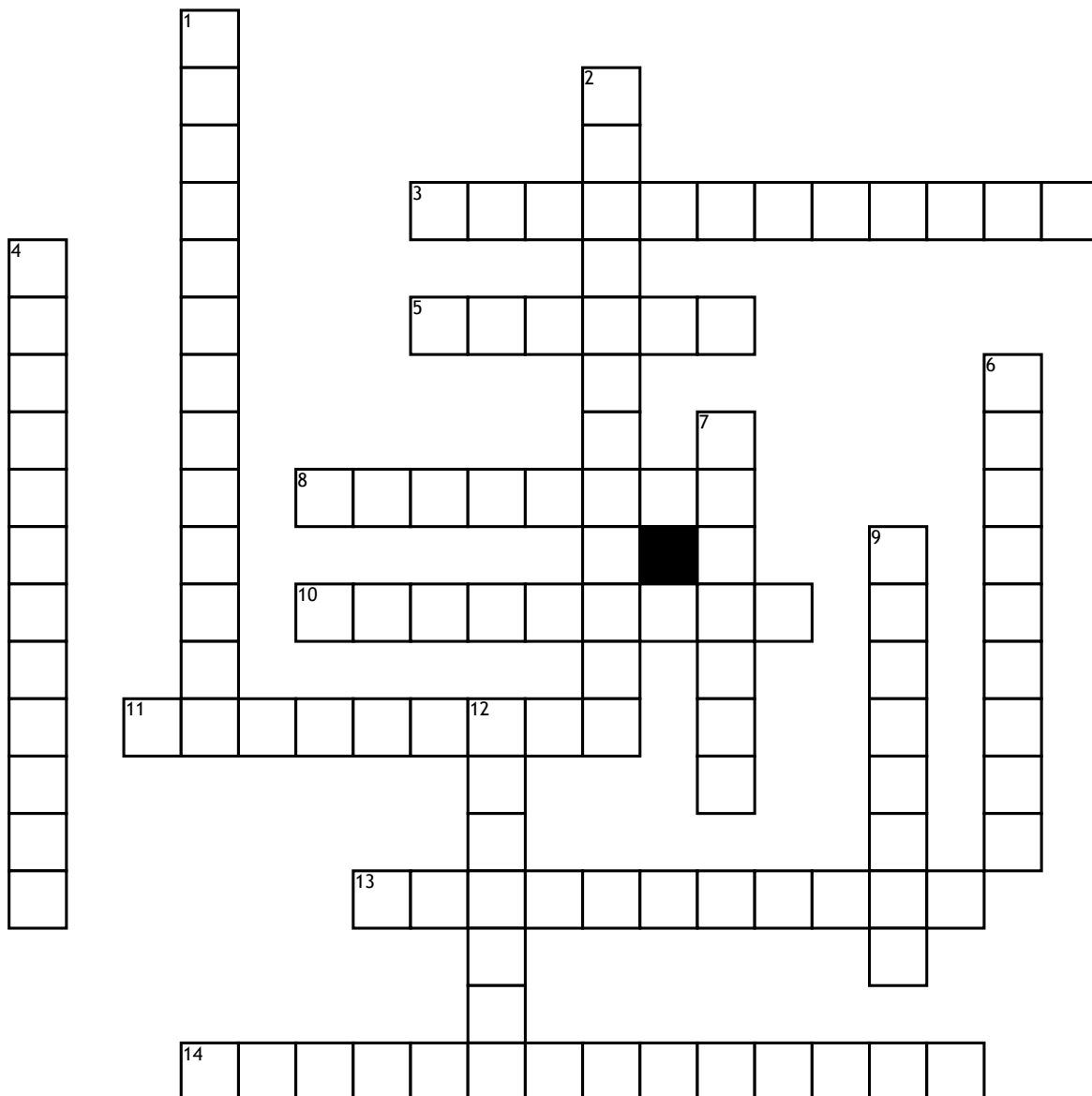


Lesson 2



Across

3. What part of the cell controls which molecules enter and leave the cell? (2 words with NO space in between)
 5. Mitochondria break down glucose to create what?
 8. Plant cells contain large, membrane-bound storage sacs called what?
 10. What is the movement of molecules from an area of higher concentration to an area of lower concentration?

11. The nucleus, mitochondria, and chloroplasts are surrounded by what?
 13. What is the green pigment in chloroplasts called?
 14. What is the process by which plants get energy directly from the sun?

Down

1. During the dark phase of photosynthesis, glucose is converted into what? (2 words with NO spaces)
 2. What organelle is found only in plant cells?

4. What organelles found in both plant and animal cells break down glucose to make energy?
 6. What are the cell's waste-disposal sites?
 7. What is the term for the movement of water across a semipermeable membrane?
 9. In which part of the cell are ribosomes manufactured?
 12. What is the largest, most visible structure in most cells, often referred to as the control center of the cell?