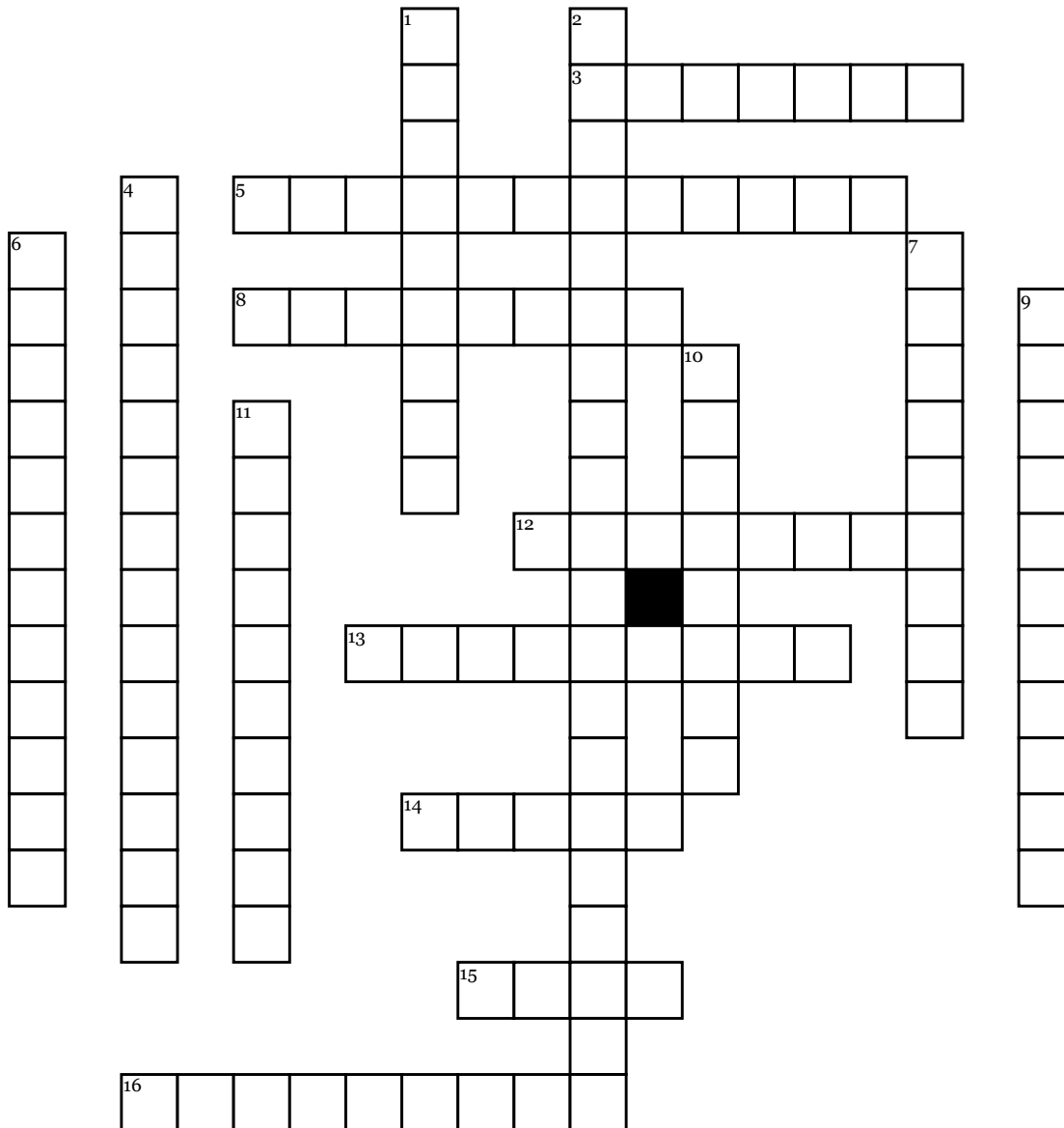


# The Cell



## Across

- 3.** "Powerhouse" of the cell; holds DNA.  
**5.** Makes energy for the cell; cellular respiration occurs here.  
**8.** Protects and supports the cell; commonly found in plant cells.  
**12.** Protein synthesis happens here.  
**13.** Type of cell that has a nucleus and is considered more complicated.  
**14.** Tiny, hair-like structures.

- 15.** The basic unit of life.  
**16.** Whip-like structure that allows cells to move and catch their food.

## Down

- 1.** Holds all organelles together in the cell.  
**2.** Rough: transports proteins; Smooth: synthesis and transport of lipids.  
**4.** Modifies and packages proteins.  
**6.** Controls what enters and leaves the cell.

- 7.** Specialized structures within a cell.  
**9.** Uses sunlight to create energy for plant cells.  
**10.** Holds enzymes to digest food and worn out organelles.  
**11.** Type of cell that does not have a nucleus; is considered a simple cell.