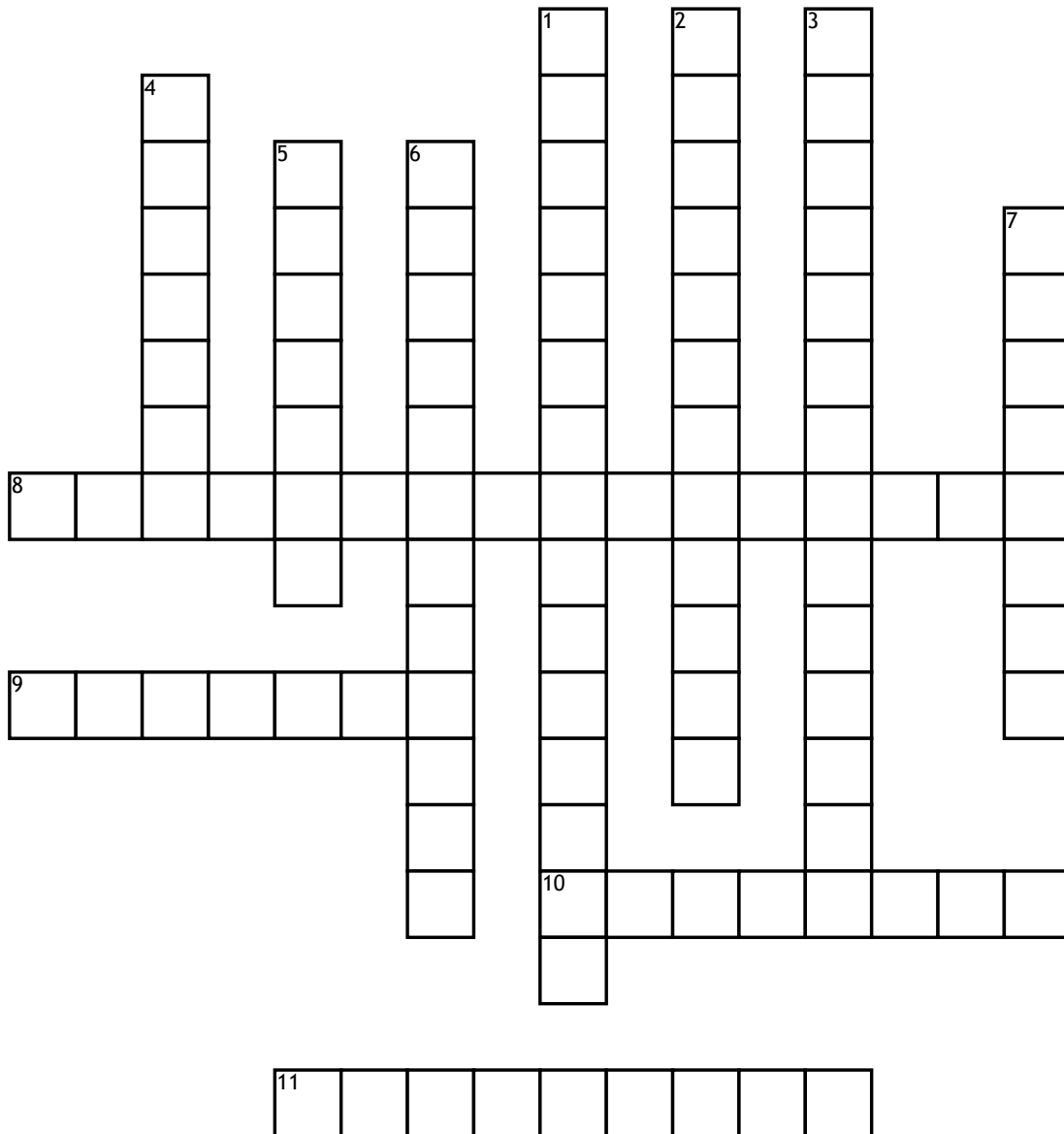


# Cell Biology



## Across

8. movement of biochemicals and other atomic or molecular substances across cell membranes without need of energy input

9. a network of tubular membranes within the cytoplasm of the cell, occurring either with a smooth surface studded with ribosomes

10. a minute particle consisting of RNA and associated proteins found in large numbers in the cytoplasm

11. the spreading of something more widely

## Down

1. the movement of ions or molecules across a cell membrane into a region of higher concentration

2. an organelle found in large numbers in most cells

3. a complex of vesicles and folded membranes within the cytoplasm of most eukaryotic cells

4. the central and most important part of an object, movement, or group

5. a process by which molecules of a solvent tend to pass through a semipermeable membrane from a less concentrated solution into a more concentrated one.

6. the semipermeable membrane surrounding the cytoplasm of a cell.

7. a network of tubular membranes within the cytoplasm of the cell, occurring either with a smooth surface (smooth endoplasmic reticulum)