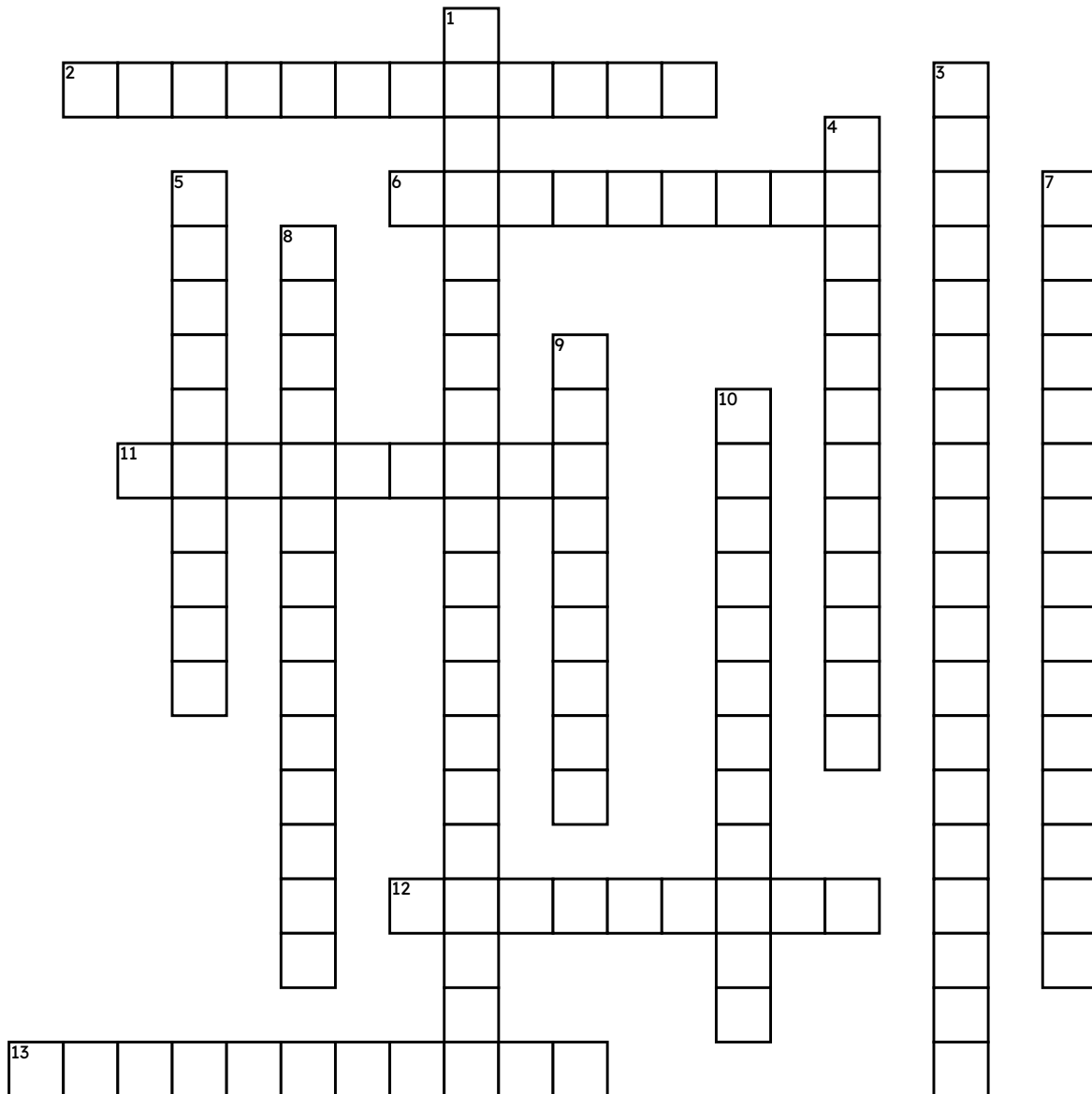


PARTS OF THE CELL



Across

- 2.** Organelles that transfer energy from organic molecules to adenosine triphosphate
- 6.** Receive vesicles from the ER containing newly made proteins or lipids
- 11.** Organelles made of protein and RNA that direct protein synthesis in the cytoplasm
- 12.** Denser area in the nucleus, site where DNA is concentrated when makes ribosomal RNA
- 13.** Structures in the nucleus made of DNA and protein

Down

- 1.** System of membranous tubes and sacs, functions as an intracellular highway
- 3.** Foundation of the cell membrane, double layered with a hydrophilic head and two hydrophobic tails
- 4.** Network of thin tubes and filaments that crisscrosses the cytosol
- 5.** Two short cylinders of microtubules at right angles to each other, situated in the cytoplasm near nuclear envelope

- 7.** Double membrane that surrounds the nucleus
- 8.** Long threads of the bead-like protein actin, linked together like rope
- 9.** Vesicles that bud from the Golgi apparatus and hat contain digestive enzymes
- 10.** Hollow tubes made of a protein caled tubulin