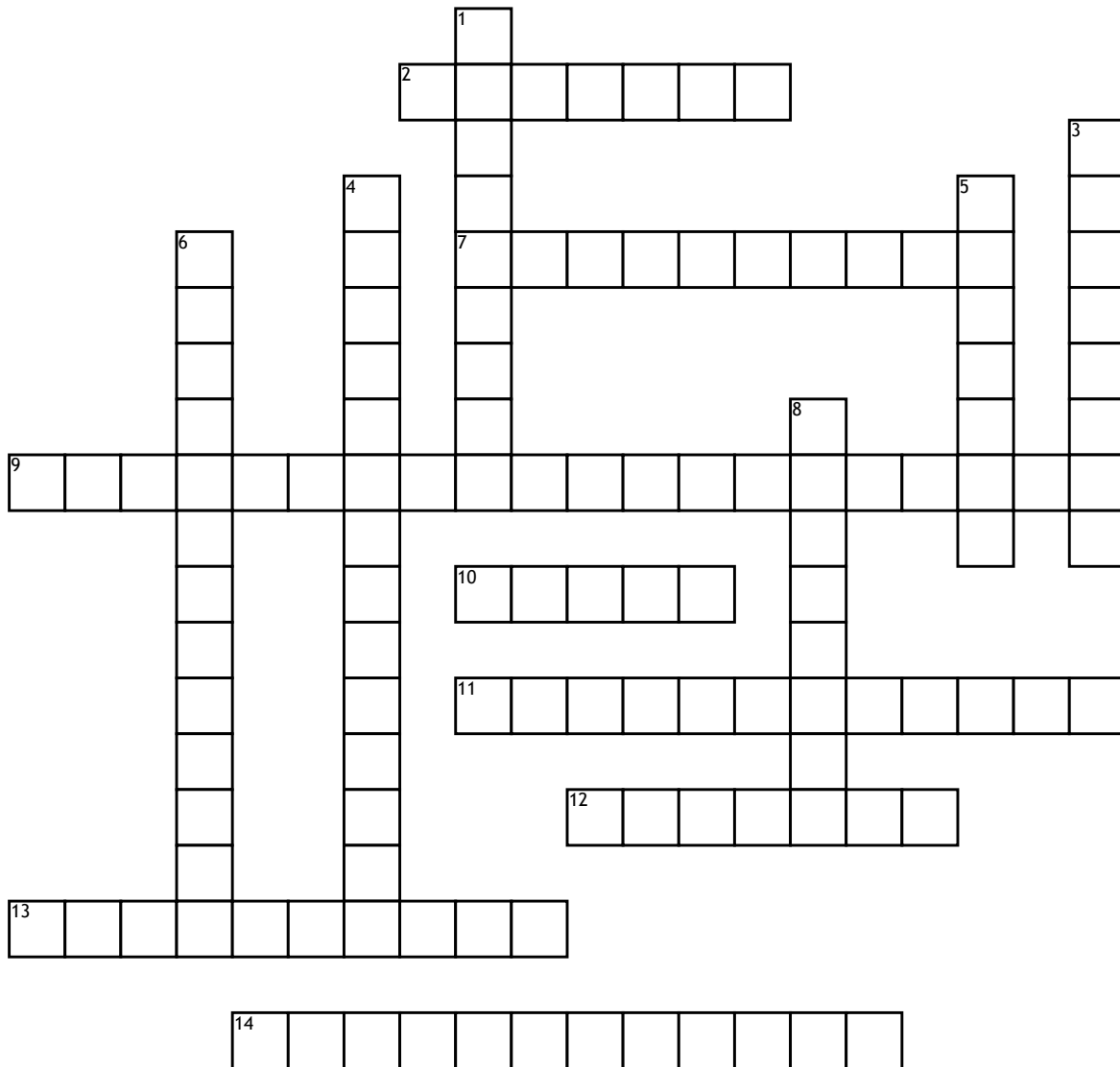


Structures of the Cell



Across

- 2. Fluid portion of the cytoplasm.
- 7. Membranous cytoplasmic vesicle that contains enzymes that catalyze reactions that produce and decompose hydrogen peroxide.
- 9. Organelle composed of a network of connected membranous tubules and vesicles.
- 10. Microscopic, hairlike extensions of the exposed surfaces of certain epithelial cells.

- 11. Organelle housing enzymes that catalyze aerobic reactions of cellular respiration.
- 12. Cellular organelle enclosed by a double bi-layer nuclear envelope and containing DNA.
- 13. Cellular organelle consisting of two centrioles.
- 14. The selectively permeable outer boundary of a cell consisting of a phospholipid bilayer embedded with proteins.

Down

- 1. The contents of a cell including the gel-like cytosol and organelles.
- 3. Organelle that contains digestive enzymes.
- 4. Organelle that prepares cellular products for secretion.
- 5. Membranous, cytoplasmic sac.
- 6. Rod of the protein actin; part of the cytoskeleton
- 8. Organelle composed of RNA and protein that provides structural support and enzymes for protein synthesis.