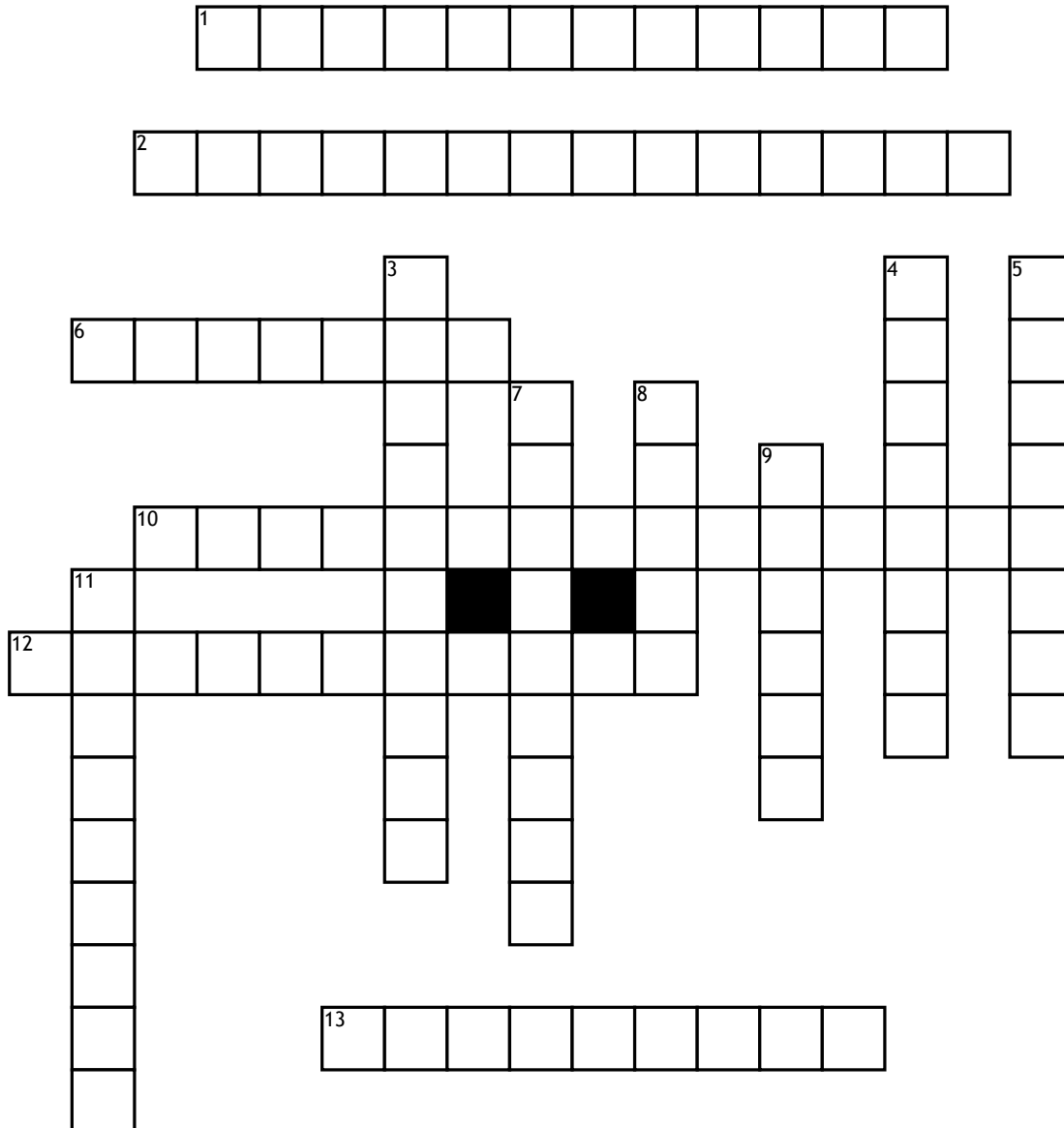


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Nucleus



## Across

- 1. Many openings that extend through the Nuclear envelope
- 2. In cells that are not dividing, another histone promotes coiling of nucleosomes into a larger-diameter, which folds into large loops
- 6. A spherical or oval-shaped structure usually the most prominent feature of a cell

- 10. Separates the nucleus from the cytoplasm.
  - 12. A long molecule of DNA that is coiled together with several proteins
  - 13. The string between the beads, which holds adjacent nucleosomes together
- ## Down
- 3. Beads on a string structure
  - 4. Double stranded DNA wrapped twice around a cord of 8 proteins

- 5. Inside the nucleus is one or more spherical boddies called
- 7. The complex of DNA, proteins, and some RNA
- 8. Within the nucleus are most of the cells hereitary units called
- 9. Total genetic information carried in a cell or an organism
- 11. When the DNA replicates and condenses the loops even more to make