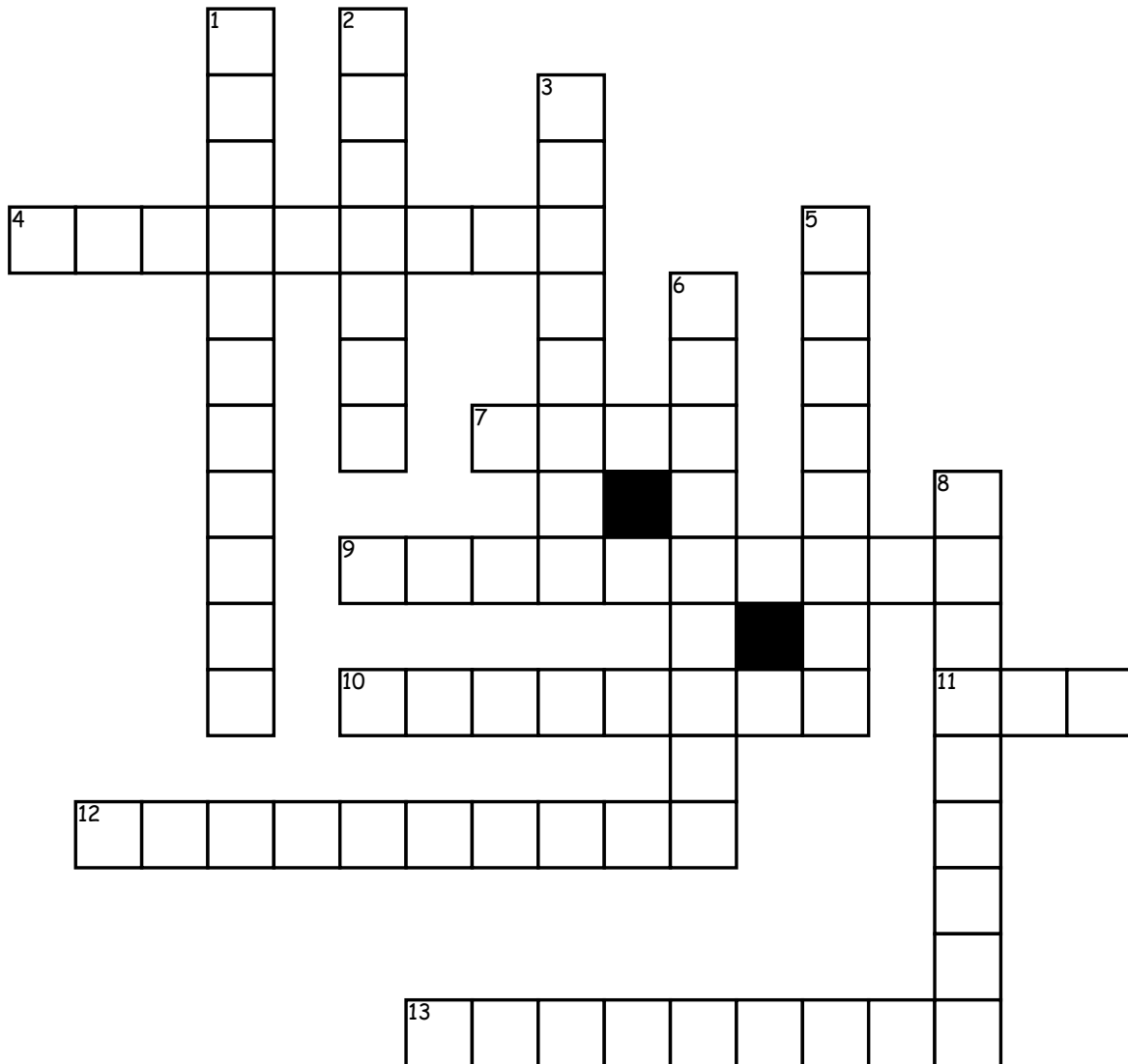


Cell Division



Across

4. Cytokinesis is the division of the _____.

7. During Cytokinesis in plants, a new cell _____ forms in the middle of the cell

9. The _____ happens during most of the cell's life

10. The third phase of the mitotic phase. the chromosomes split into two chromatids and start to separate

11. Organelle replication occurs in _____ stage(s) of the interphase

12. Period Before cell division. Cell grows to its mature size, replicates its DNA to make chromatids and prepares to divide

13. a cycle of growth, development, and division in a cell

Down

1. The final stage of the mitotic phase. The cytoplasm splits into two new cells and each cell ends up with the same amount of chromosomes as the parent cell

2. Mitosis is the division of the _____.

3. During Cytokinesis in animals, the cell _____ contracts around the middle of the cell

5. The first phase of mitosis. Chromosomes form and spindle fibers form a bridge

6. The fourth phase of the mitotic phase. Chromosomes start to stretch out and lose their rod-like appearance. Two new nuclei begin to form

8. The second phase of mitosis. Chromosomes line up in the center of the cell and connect with the spindle fibers