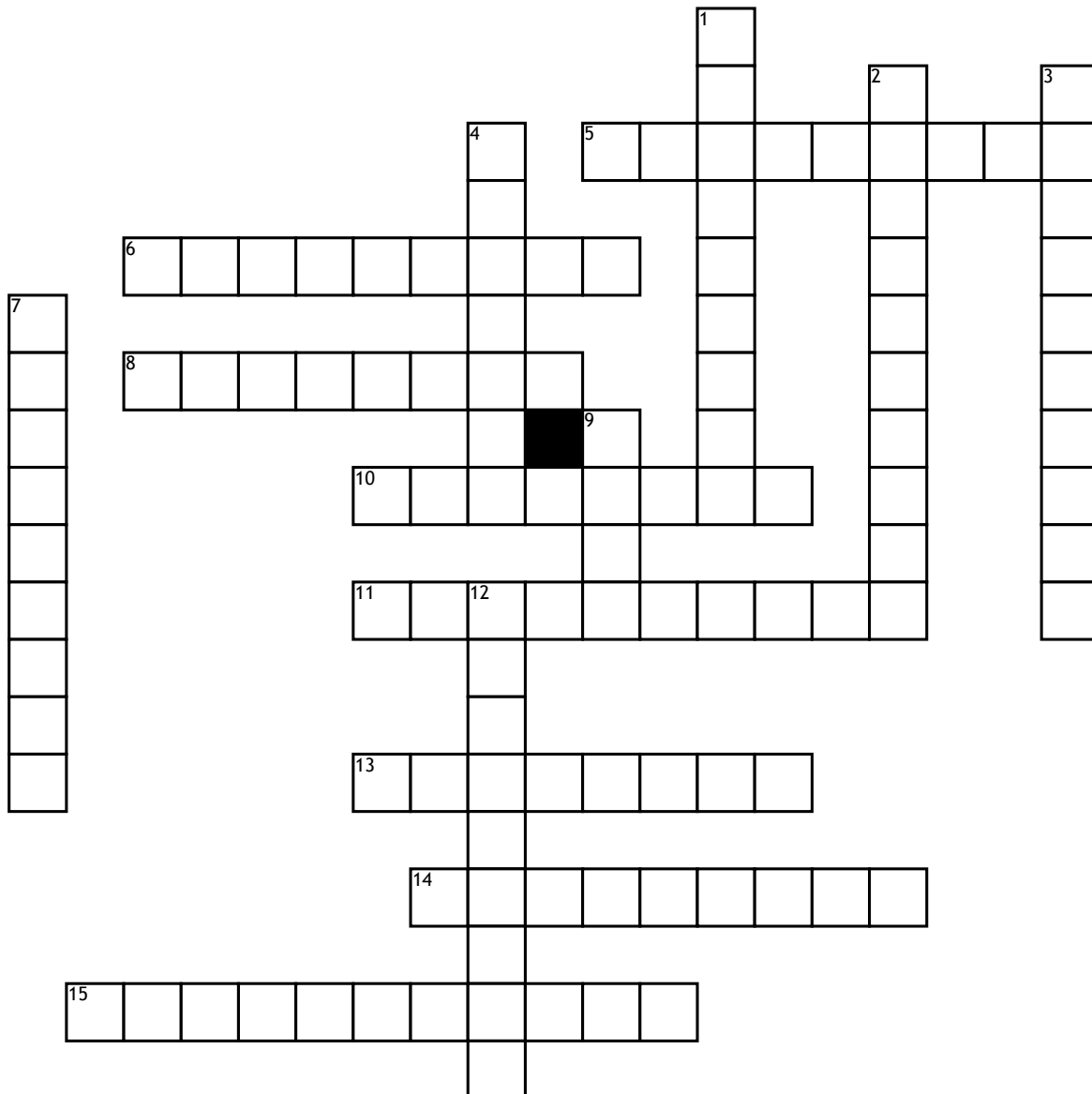


# CELL a brate



## Across

5. Phase when nuclear membranes start to form, chromosomes begin to uncoil and the spindle fibers fall apart.  
 6. The spaghetti stage of DNA and proteins is called?  
 8. Phase when chromatids separate to opposite sides of the cell  
 10. Group of proteins associated with each chromosome

11. This plays an important role in preparing the cell to divide.  
 13. Phase when DNA and proteins condense into tightly coiled chromosomes.  
 14. Phase when spindle fibers attach to each chromosome.  
 15. Process which divides cytoplasm between two daughter cells, each with a genetically identical nucleus.

## Down

1. This is the regular pattern of growth.

2. A \_\_\_\_\_ is one long continuous thread of DNA that consists of numerous genes.  
 3. Sister chromatids are held together at the \_\_\_\_\_?  
 4. Divides a cell's nucleus into two genetically identical nuclei each with its own DNA.  
 7. One half of a duplicated chromosome is called?  
 9. There are how many main stages in a cell cycle?  
 12. The ends of DNA molecules form structures called \_\_\_\_\_?