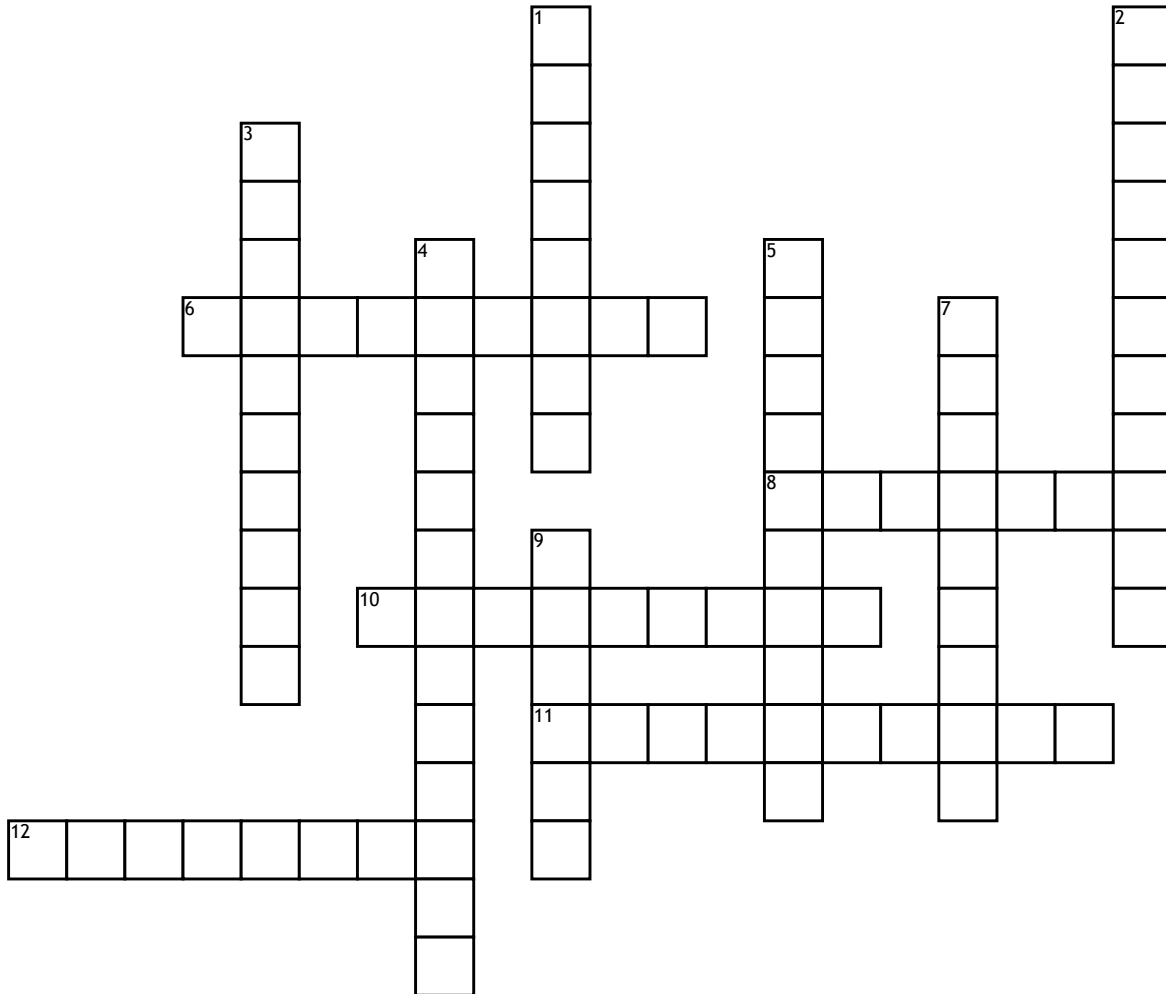


The Cell Cycle & Mitosis



Across

- 6. Two new nuclei form, mitosis ends, chromosomes uncoil
- 8. Division of the cell's nucleus, produces two genetically identical daughter cells
- 10. Chromatids line up in the middle of the cell
- 11. Duplicated chromosomes

- 12. The mitosis spindle fibers begin to form, chromatin condenses into chromosomes

Down

- 1. Sister chromosomes separate to opposite sides of the cell
- 2. The division of the cell's cytoplasm

- 3. The DNA is duplicated, the cell prepares to divide
- 4. Help pull chromatids apart
- 5. Contains genetic information that codes for a specific trait
- 7. Uncoiled DNA
- 9. caused when the cell cycle control system is damaged