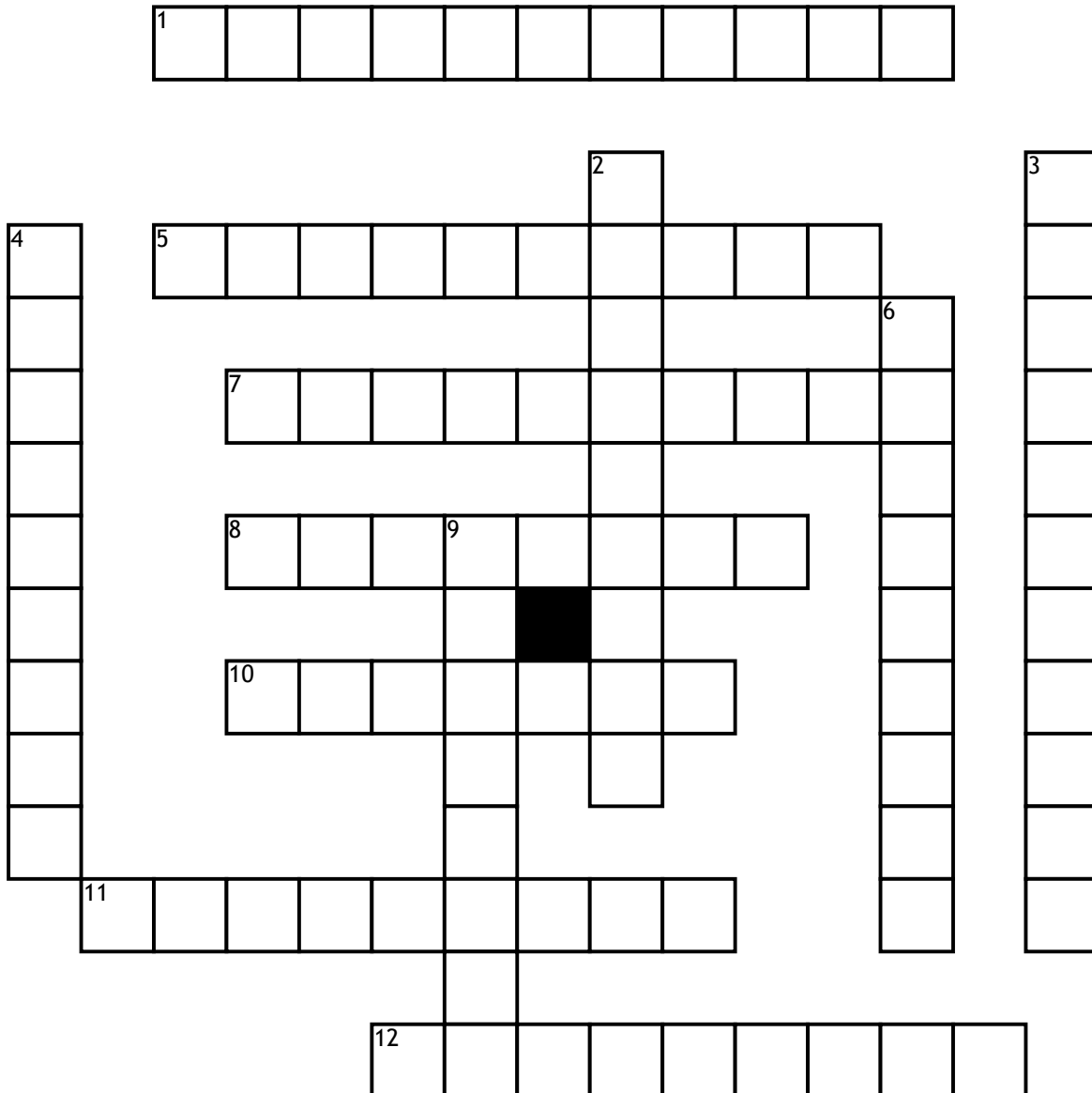


Name: \_\_\_\_\_

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

# Cell Cycle crossword



## Across

- 1. the process that divides the cell cytoplasm
- 5. cells grow and copy their DNA: Gap 1, Synthesis, Gap 2
- 7. holds the sister chromatids together
- 8. chromatids separate to opposite sides of the cell
- 10. is the division of the cell nucleus and its content

11. half of a duplicated chromosome

12. is the regular pattern of growth, DNA duplication, and cell division (occurs in eukaryotic cell)

## Down

2. DNA wraps around proteins (histones) that condense it (what chromosome is made out of)

3. one long piece of DNA with many genes. Every body cell in humans has 46.

4. chromosomes uncoil and the nuclear membrane forms

6. second phase of mitosis when spindle fibers align the chromosomes along cell equator

9. first phase of mitosis when chromosomes condense, the nuclear envelopes break down