

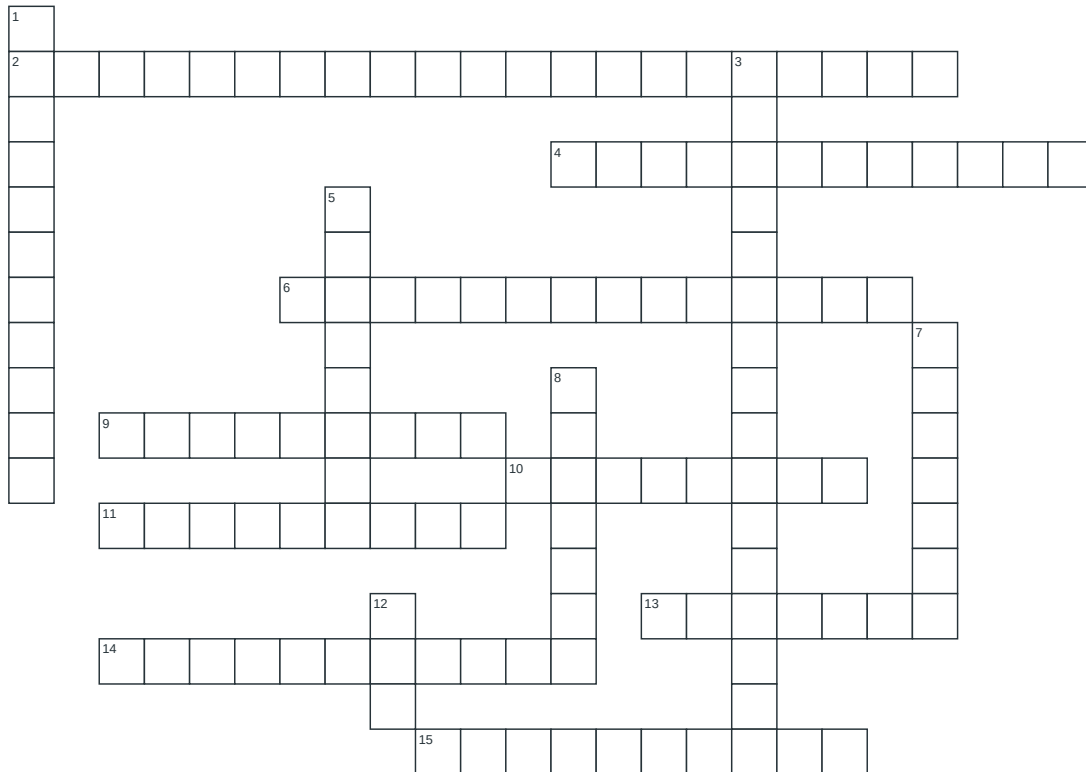
Cell Division: Mitosis and Meiosis Crossword

Medium | 15 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

2. Chromosome pair with the same genes at corresponding locations
4. Exchange of DNA between nonsister chromatids of homologous chromosomes
6. Boundary that regulates exchange between a cell and its surroundings.
9. Meiotic stage when homologous chromosomes pair and crossing over can occur
10. Cell structure that assembles proteins.
11. Cell contents outside the nucleus and inside the plasma membrane.
13. Nuclear division that usually preserves chromosome number
14. Division of the cytoplasm into daughter cells

ACROSS (continued)

15. Meiotic stage when homologous chromosome pairs align at the cell center

DOWN

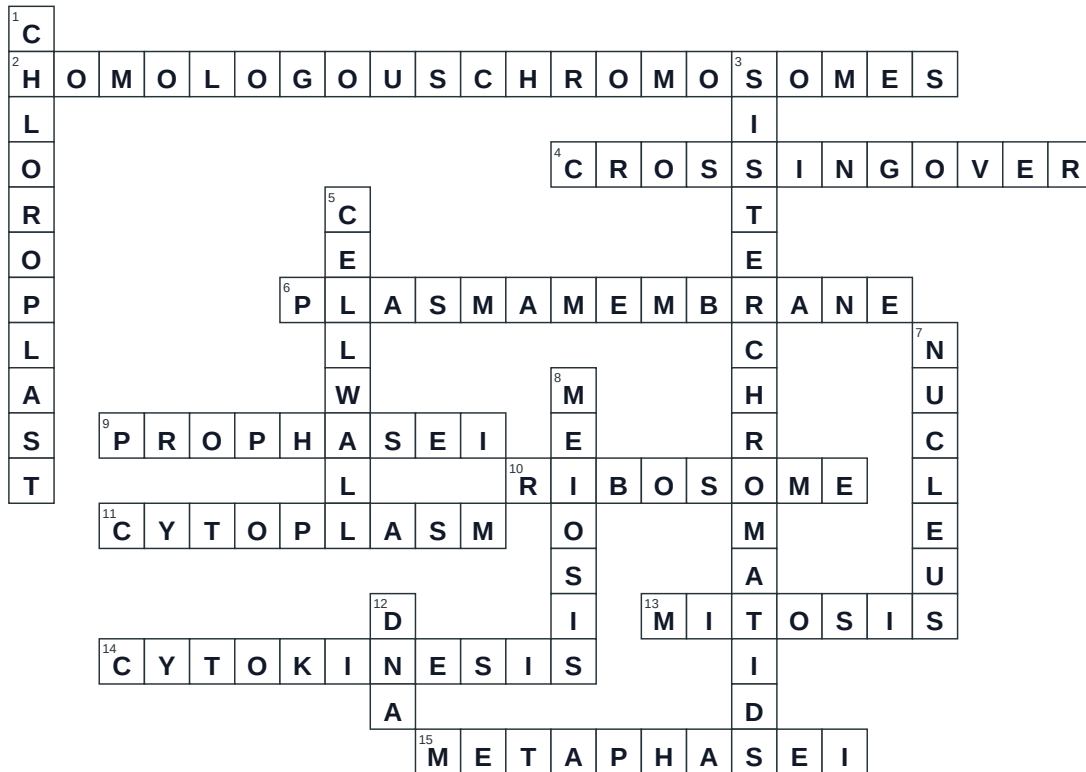
1. Organelle where photosynthesis occurs in plants and algae.
3. Identical chromosome copies joined before they separate
5. Rigid outer layer that supports many plant, fungal, and bacterial cells.
7. Membrane-bound organelle that contains most eukaryotic DNA.
8. Cell division that produces haploid cells from a diploid cell
12. Molecule that stores hereditary information in most cells

Cell Division: Mitosis and Meiosis Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

2. Homologous Chromosomes
4. Crossing Over
6. Plasma membrane
9. Prophase I
10. Ribosome
11. Cytoplasm
13. Mitosis
14. Cytokinesis

ACROSS (continued)

15. Metaphase I

DOWN

1. Chloroplast
3. Sister Chromatids
5. Cell wall
7. Nucleus
8. Meiosis
12. DNA