

**Cell Biology**  
**Mitosis Crossword**

Name:

Period:

The crossword puzzle grid consists of 20 numbered starting points for words:

- 1: Down, 10 cells
- 2: Across, 5 cells
- 3: Down, 10 cells
- 4: Across, 10 cells
- 5: Across, 10 cells
- 6: Down, 10 cells
- 7: Down, 6 cells
- 8: Down, 3 cells
- 9: Across, 8 cells
- 10: Down, 6 cells
- 11: Across, 3 cells
- 12: Down, 6 cells
- 13: Down, 4 cells
- 14: Across, 8 cells
- 15: Down, 10 cells
- 16: Down, 10 cells
- 17: Across, 8 cells
- 18: Down, 6 cells
- 19: Across, 6 cells
- 20: Across, 3 cells



# Cell Biology

## Mitosis Crossword

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

Period: \_\_\_\_\_

Use Chapter 5, Section 2 of the book, and your brain, to check the answers. Write your answers next to the clues below and on the puzzle on the next page.

### Across

- \_\_\_\_\_ 2. this happens when tumors affect the body
- \_\_\_\_\_ 4. the area where chromatids are held together
- \_\_\_\_\_ 5. what the two copies of chromosomes are called
- \_\_\_\_\_ 9. the number of pairs of chromosomes in human body cells
- \_\_\_\_\_ 11. the hereditary material that controls the making of new cells
- \_\_\_\_\_ 14. a deadly kind of skin cancer
- \_\_\_\_\_ 17. during the process of mitosis, chromosomes \_\_\_\_\_
- \_\_\_\_\_ 19. this is divided into four phases
- \_\_\_\_\_ 20. the number of chromosomes that a prokaryotic cell has



### Down

- \_\_\_\_\_ 1. what the cell cycle is also called (two words)
- \_\_\_\_\_ 3. structures in the nucleus made of DNA and protein
- \_\_\_\_\_ 6. what the two cells made during mitosis are called (two words)
- \_\_\_\_\_ 7. during this stage of the cell cycle, the cell grows and copies its organelles and chromosomes
- \_\_\_\_\_ 8. messages that cells use to report conditions
- \_\_\_\_\_ 10. what cell division in bacteria is called (two words)
- \_\_\_\_\_ 12. what is formed during cytokinesis in cells that have a cell wall (two words)
- \_\_\_\_\_ 13. during mitosis, each new cell gets a \_\_\_\_\_ of each chromosome
- \_\_\_\_\_ 15. number of chromosomes that human body cells have
- \_\_\_\_\_ 16. the stage when the cytoplasm and all the materials in it divide
- \_\_\_\_\_ 18. clumps of cells that had reproduced rapidly