

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



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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 sets (pairs) of chromosomes in human body cells
- _____ 11. the hereditary material in a nucleus that controls the making of new cells
- _____ 14. a deadly kind of skin cancer
- _____ 17. during the process of mitosis, chromosomes _____ (go apart)
- _____ 19. this cell process 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. total 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 (related to cancer)

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Name:
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extra nifty word bank

binary fission
cancer
cell plate
centromere
chromatids
chromosomes
copy
cytokinesis
daughter cells
DNA
feedback
forty-six
interphase
life cycle
melanoma
mitosis
one
separate
tumors
twenty-three