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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Mitosis Crossword Puzzle (16 pts)

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|  |  |  |  |  | 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 12 |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | 15 |  |  |  |  |  |  |  |  | 16 |  |  |  |  |  |  |  |  |  |
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| **Across****3.** This is the brain of the cell**5.** The chromosomes line up in the middle of the cell in this stage of mitosis**8.** At this stage, two new nuclei form**12.** This is the fluid within the cell**13.** This is the genetic code that must be duplicated for cell division**14.** DNA is wound tightly into \_\_\_\_\_\_\_ and are divided evenly between the two new cells**15.** This is the process of cell division**16.** How many steps are there in mitosis? | **Down****1.** two new cells created after cell division**2.** How many types of cell division are there?**4.** The nuclear envelope dissolves in which stage**6.** This is the original cell**7.** Spindle fibers pull the chromosomes apart to opposite ends of the cell**9.** This is the division of the cytoplasm and two new cells form**10.** What is the acronym that we use to remember the steps of mitosis?**11.** This stage is when a cell duplicates its DNA |

   Parent Cell       Daughter cells       Mitosis       Six       Three       IPMATC       Interphase       Interphase       Metaphase       Anaphase       Telophase       Cytokinesis       Cytoplasm       Nucleus       DNA       Chromosomes