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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