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

The Cell Cycle

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|  |  |  |  |  | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 6 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 7 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 8 |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  | 11 |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Across****4.** A control point in the cell cycle where stop and go signals regulate the cycle**5.** All of a cell's genetic material**8.** Structure that functions as a microtubule-organizing center**9.** The phase that accounts for 90% of the cell cycle**10.** The division of the genetic material of the nucleus**11.** Chromosomes that are not involved in sex determination | **Down****1.** Reproductive cells**2.** the spread of cancer cells to locations distant from the original site**3.** A shallow groove in the cell surface near the old metaphase plate**6.** During this phase the centrosomes move to the opposite poles**7.** The transmission of traits from one generation to the next |