

Cell Cycle Vocabulary Worksheet

Name _____ Per. _____

| Key Term | Definition |
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| 1. | duplicated strands of DNA |
| 2. | structure that holds DNA in compacted form |
| 3. | structures that pull duplicated DNA away from each other |
| 4. | a long polymer of DNA that codes for many traits |
| 5. | a segment of DNA that codes for a specific trait |
| 6. | phase of nuclear division in which DNA line up along the center of cell |
| 7. | phase of non-division in which DNA is replicated |
| 8. | stage of the cell cycle when division is completed |
| 9. | enzyme that causes DNA to unwind |
| 10. | phase of non-division in which organelles are copied |
| 11. | stage of the cell cycle when there is no division |
| 12. | first phase of nuclear division |
| 13. | proteins that signal the cell cycle to move to the next phase |
| 14. | structures that hold duplicated DNA together |
| 15. | when cells kill themselves |
| 16. | last phase of nuclear division |
| 17. | stage of the cell cycle when the nucleus divides |
| 18. | the second strand of DNA that gets replicated |
| 19. | phase of non-division in which the cell is at rest |
| 20. | base pairs that run in opposing directions |
| 21. | phase of nuclear division in which duplicated DNA separate |
| 22. | phase of non-division in which the cell grows |
| 23. | structures that are located on opposite ends of the dividing cell to where chromosomes move |
| 24. | rod-like DNA |
| 25. | a mass of cells that is not spreading to other parts of the body |
| 26. | enzyme that adds DNA nucleotides & checks for mismatched base pairs |
| 27. | string-like DNA |
| 28. | when the cell cycle & growth is out of control |
| 29. | the first strand of DNA that gets replicated |
| 30. | direction in which DNA nucleotides are added |
| 31. | segments of newly replicated DNA that have not yet been joined together |
| 32. | protein that stops the cell cycle if there is a mistake/problem |
| 33. | a mass of cells that have formed because of problems w/ cell cycle |
| 34. | a mass of cells that is spreading to other parts of the body |
| 35. | a term that describes when cancer cells have traveled to other body parts |
| 36. | enzyme that joins fragments of DNA together |