

**Cell Cycle Vocabulary Worksheet**

Name \_\_\_\_\_ Per. \_\_\_\_\_

Key Term	Definition
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