

# The Cell Cycle Review Worksheet

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

1. List the 3 main parts of the cell cycle.
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
  - c. \_\_\_\_\_
2. When do cell go through the cell cycle and/or mitosis?
3. What is the difference between chromatin and chromosomes?
4. The division of the nucleus is called? \_\_\_\_\_
5. The division of the cytoplasm is called? \_\_\_\_\_
6. What happens to the cell during interphase?
7. What are the stages of mitosis? \_\_\_\_\_
8. What is the longest phase of mitosis? \_\_\_\_\_
9. What is the shortest phase of mitosis? \_\_\_\_\_
10. During what phase does the nucleolus and nuclear membrane disappear? \_\_\_\_\_
11. In what form is the DNA in during interphase? \_\_\_\_\_
12. What happens to the DNA during interphase?
13. What happens to the chromosomes during prophase?
14. What happens to the chromosomes during metaphase?
15. What happens to the chromosomes during anaphase?
16. What happens to the chromosomes during telophase?