

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

### CELL DIVISION QUIZ

Fill in the blank with the correct word.

1. The two parts of cell division are \_\_\_\_\_ and \_\_\_\_\_.
2. \_\_\_\_\_ are not if special structures found in the center of a cell.
3. Mitochondria are \_\_\_\_\_ parts of eukaryotes.
4. Cells spend most of their life \_\_\_\_\_.
5. \_\_\_\_\_ regulates the movement of the chromosomes during mitosis.
6. \_\_\_\_\_ is important because it contains all the hereditary information of an organism.
7. Cytokinesis is the process where the daughter cells \_\_\_\_\_ from each other.

Match each phase.

Prophase(A)    Anaphase(B)    Telophase(C)    Metaphase(D)    Interphase(E)

8. \_\_\_\_\_ A nuclear envelope forms around nucleolus.
9. \_\_\_\_\_ Chromosomes are pulled to opposite ends of cell.
10. \_\_\_\_\_ Chromosomes are not distinctly arranged w/ X chromosomes.
11. \_\_\_\_\_ Spindle fibers become shorter and more chromosome at opposite sides of the cell.
12. \_\_\_\_\_ Metaphase in the center of mitosis.
13. \_\_\_\_\_ Spindle fibers disappear.
14. \_\_\_\_\_ Centrioles move up exactly in the middle of the cell.
15. \_\_\_\_\_ Chromosomes are the least w/ X chromosomes w/ X chromosomes.
16. \_\_\_\_\_ Separated chromosomes separate resulting individual chromosomes.
17. \_\_\_\_\_ Daughter cells are formed.
18. \_\_\_\_\_ The DNA in the cells is replicated.
19. \_\_\_\_\_ Spindle fibers disappear from each side of the cell.
20. \_\_\_\_\_ Chromosomes condense and begin to align w/ the nuclear material of the cell.
21. Little round color in the stage phases of Mitosis occur.

1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_ 4 \_\_\_\_\_