

Name: \_\_\_\_\_ Hr: \_\_\_\_\_ Date: \_\_\_\_\_

Today's activity is designed to help you review the cell cycle, see some animations, identify slides of plant cells in various stages of mitosis, and ultimately, understand the difference between haploid and diploid and how that affects chromosome number! Have fun!

### Cell Cycle/ Cell Reproduction (Mitosis) Computer Lab Activity:

Part 1: Go to the following website: [http://www.cellsalive.com/cell\\_cycle.htm](http://www.cellsalive.com/cell_cycle.htm)

Play the animation of the cell cycle. Answer the following questions:

1. How many phases are shown? \_\_\_\_\_
2. The yellow, blue and white phases together are \_\_\_\_\_

8. \_\_\_\_\_ two daughter cells are created
9. \_\_\_\_\_ centrioles move to opposite poles
10. \_\_\_\_\_ homologous pairs separate
11. \_\_\_\_\_ random assortment occurs