|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Interphase | Prophase | Metaphase | Anaphase | Telophase |
| Tally marks | xxxxxxxxxxxx | xxxxxxxx | xx | x | x |
| Total number in phase | 11 | 8 | 2 | 1 | 1 |
| Percent in phase | 11/23= 0.470.47 X 100= 47% |  |  |  |  |

**Online Onion Root Tip Assignment**

1) Go to the following web address and **READ THE INTRODUCTION**.

<http://www.biology.arizona.edu/cell_bio/activities/cell_cycle/cell_cycle.html>

2) The website will show you onion root tip cells and ask you to click on which phase you think each is in.

3) As you do this, make a tally mark in the appropriate square of the chart below. You will need to calculate the total number of cells in each phase. **YOU CAN JUST TYPE INTO THE FILE AND SEND IT BACK TO ME.**

4) Calculate the total number of cells and use this total to calculate the percent of cells in each phase:

Example: Number of cells in prophase / Total number of cells X 100= % in prophase

***EXAMPLE TABLE!!! You fill in the one on the next page!***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Interphase | Prophase | Metaphase | Anaphase | Telophase |
| Tally marks |  |  |  |  |  |
| Total number in phase |  |  |  |  |  |
| Percent in phase |  |  |  |  |  |

 Table you fill in: