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*#Diego Butler*

*so many fake sites. this is the first one which worked! Many thanks*

NAME: _____ PERIOD: _____ DATE: _____

**Mitosis: Onion Root Tip Lab**

**Resources:**

- Do you want a full view, cross-section of an onion root tip? Use this link to complete the lab:

**Procedure:**

1. Locate the cells that resemble ***Figure 1*** below. In the Data Table, record how many cells you observe in this stage. If you are unsure of the stage, do not record it.
2. Repeat the step above for ***Figures 2-5*** below. Complete the Data Table. HINT: Count only one step at a time to avoid confusion.

DATA TABLE

Number of Root tip Cells Observed

| STAGE OF MITOSIS | NUMBER OF CELLS OBSERVED | PERCENT OF CELLS OBSERVED **(OPTIONAL)** |
|---|---|---|
| interphase | | |
| prophase | | |
| metaphase | | |
| anaphase | | |
| telophase | | |
| TOTAL NUMBER OF CELLS OBSERVED IN MITOSIS: | | 100% |

**Questions and Conclusions:**

1. In which stage are chromosomes first visible? _____
2. Where are the chromosomes located during metaphase? _____

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**Onion Root Tip Mitosis Lab Answers**