

Lab Practical Exam: Cell Mitosis

Biology A - Landis

Name _____ Microscope # _____ Score _____ / 20

1. Proceed to your assigned microscope indicated above Take the appropriate specimen slide with you.

Specimen:

- Plant Cell
- Animal Cell

2. Complete the following checked tasks. Use appropriate focusing technique. Do not communicate with other students.

Magnification:

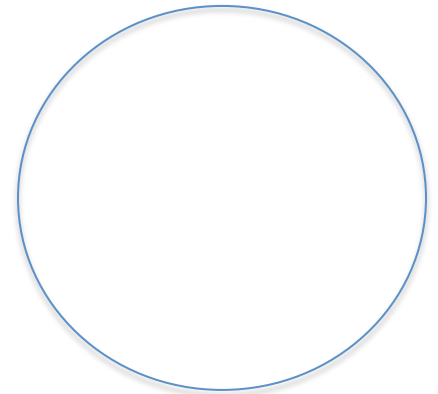
- Scan
- Low
- High

Cell Cycle Stage:

- Interphase
- Prophase
- Metaphase
- Anaphase
- Telophase

3. **Optional:** Use pointer to indicate a cell at your assigned stage of the cell cycle. **You do not have to sketch the cell**, but if you can't get the pointer exactly on the cell you want, you may draw your field of view to indicate the location of your cell.

4. Describe the characteristics(s) that made you choose the cell at the pointer:



5. When you have finished, raise your hand and your teacher will approach you to assess your work using this scoring guide:

Scoring:

- Perfect focus (10)
- Correct stage (10)
 - If wrong stage name but correct characteristics (+5)