

Name \_\_\_\_\_

Date \_\_\_\_\_

Period \_\_\_\_\_

**Worksheet - Cell Division and Mitosis**

**Why is cell division important?**

*Identify 3 reasons why cell division is important.*

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

**The Cell Cycle**

*Summarize information about interphase in eukaryotic cells in the following paragraph.*

Interphase is the part of the cell cycle. During interphase, cells \_\_\_\_\_ and \_\_\_\_\_ . During interphase, cells that are still dividing copy their \_\_\_\_\_ and prepare for \_\_\_\_\_. Cells no longer dividing are \_\_\_\_\_.

**Mitosis**

*Sequence the steps of mitosis, and write a short description of what takes place in each phase.*

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