

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

### *How Much Time Do Cells Spend in Each Phase of Mitosis?*

**Lab Notebook and Questions** Use this [picture](#) to help you identify the stages

<b>Phase</b>	<b>Number of Cells</b>	<b>Percent of Cells</b>	<b>Time (in minutes)</b>
Interphase			<b>1.</b> In this specimen of onion root cells, what is the amount of time, in minutes, spent in interphase?
Prophase			<b>2.</b> In this specimen of onion root cells, what is the amount of time, in minutes, spent in prophase?
Metaphase			<b>3.</b> In this specimen of onion root cells, what is the amount of time, in minutes, spent in metaphase?
Anaphase			<b>4.</b> In this specimen of onion root cells, what is the amount of time, in minutes, spent in anaphase?
Telophase			<b>5.</b> In this specimen of onion root cells, what is the amount of time, in minutes, spent in telophase?
<b>Total number of cells</b>			

1. Which phase of the cell cycle does the onion cell spend most of its time? Give minutes & hours.
2. How much time does the onion cell spend in mitosis? Give minutes and hours
3. Compare and contrast 1 and 2 above. Are any parts of the cell cycle not accounted for? Explain