

Anticipation Guide: 10-3 Regulating the Cell Cycle

Part 1

BEFORE you read your class assignment, read each statement in Part 1. Check *Agree* if the statement is true **or** *Disagree* if the statement is false based on what you currently know for each statement.

Agree

Disagree

- | | | |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Cells go through the cell cycle at the same rate. |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Cells on the edge of a cut will divide slowly until the cut is closed. |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. There is a chemical that can cause mitosis to occur. |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. A gene called p53 is commonly found to be damaged or defective in cancer cells. |

Part 2

Read the class assignment and look for information related to each statement in Part 1. Check *Yes* or *No* if there is support in the text for your choice. Then write what the text says (in your own words) under column A or B.

Support in text for my choice

(A)

(B)

Yes	No	Why is my choice correct?	Why is my choice incorrect?
<input type="checkbox"/>	<input type="checkbox"/>	1. _____ _____	_____
<input type="checkbox"/>	<input type="checkbox"/>	2. _____ _____	_____
<input type="checkbox"/>	<input type="checkbox"/>	3. _____ _____	_____
<input type="checkbox"/>	<input type="checkbox"/>	4. _____ _____	_____

What are some internal regulators of the cell cycle?

What are some external regulators of the cell cycle?