

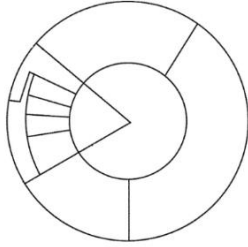
Cells and Cell Cycle Review Reflection

What I Should Be Able To Do

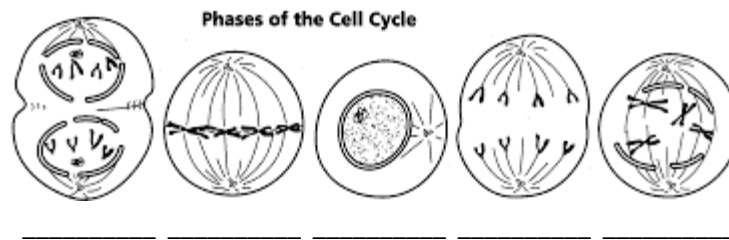
- Identify the stages of the cell cycle, including deoxyribonucleic acid (DNA) replication and mitosis, and the importance of the cell cycle to the growth of organisms
- Recognize that disruptions of the cell cycle lead to diseases such as cancer

Content Knowledge From Today (pictures, outlines, bullets, concept map, etc.)

1. During what stage does the DNA replicate during the cell cycle (be specific)?
2. Explain the importance of DNA replication in the cell cycle.
3. Using the letters, **G1, S, G2, P, M, A, T** and **C** fill in the diagram below.



4. What types of cells are made by mitosis?
5. How do the cells made by mitosis compare to the original cell?
6. Describe the importance of the cell cycle.
7. Explain why the cell cycle is a regulated process and what could happen if disruptions in the cell cycle occur. What happens if G0 (the resting phase) is skipped?
8. Label the stages of the cell cycle below. Use the terms **Prophase, Interphase, Anaphase, Metaphase, Telophase**



How I Feel About Content After Today

- I know everything about this topic. I will get every question on this topic right on the exam.
- I know most of the information over this topic. I will get most questions on this topic right on the exam.
- I know some of the information over this topic. I will get some of the questions right on the exam.
- I know nothing over this topic. I will need to guess when I see a question over this topic on the exam.

What Are My Next Steps To Master the Content Before the Exam (what, how, and where to study)

