

Name: _____

Cell Cycle Practice Worksheet

For each question, match the description to the correct part(s) of the cell cycle

First Growth	Synthesis	Second Growth	Mitosis	Cytokinesis
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1. The cytoplasm splits in two.
2. Microtubules assemble
3. Photosynthesis occurs.
4. Organelles transfer to a new cell
5. Amount of DNA doubles
6. Chromosomes split into chromatids
7. Nucleus divides into two
8. Included in interphase
9. Not included in interphase
10. Nerve and muscle cells are always in this state
11. Cell division is complete at the end of this step
12. First step where one chromatid becomes two chromatids.

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Cell Cycle Short Answer Questions

Use complete sentences.

1. Explain how the first and second growth cycles are different from each other.

2. Cell division has two separate phases. Name the two phases and explain the major events in each.

3. Interphase has three separate phases. Name each phase and explain the major events in each.