

Worksheet

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Cell Cycle

Reteaching Skills

Use with Chapter 8, Section 8.2

1. Explain how diffusion limits the size of a cell.

2. Explain how DNA limits the size of a cell.

3. Explain how surface area-to-volume ratio limits cell size.

Fill in the following table with descriptions of the activities in a cell during different phases of the cell cycle. Use the transparency as a starting place, then supply more details.

Time Period	Activity
4. Interphase	
5. Prophase	
6. Metaphase	
7. Anaphase	
8. Telophase	