

Cell Cycle Record Sheet

Cell Type: _____

Record the phase of the cell cycle that your cell is in at the start of each round of the activity. Then record what happens to your cell after rolling the number cubes.

Round	Cell cycle phase at start (G₁, S, M, G₂, G₀)	What happened to my cell	Total number of cells at end of round
1	G ₁		
2			
3			
4			
5			
6			
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STOP for a few minutes to discuss: 1) what has happened to your group's cells so far; and 2) the ways in which the cells' cycles are the same; and 3) ways the cells' cycles differ. Be prepared to share your ideas with the class.

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Cell Cycle Record Sheet (continued)

Round	Cell cycle phase at start (G₁, S, M, G₂, G₀)	What happened to my cell	Total number of cells at end of round
11	G ₁		
12			
13			
14			

STOP for a few minutes to review what has happened to your group's cells at this point. Discuss: 1) the important events that happen in each phase of the cell cycle, and 2) the kinds of things that can go wrong in each phase of the cell cycle. Be prepared to share your ideas with the class.

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