

# Mitosis Web Assignment

<http://wormclassroom.org/files/worm/CellDivision.swf>

1. Draw a diagram depicting the stages of the cell cycle in sequence (Hint: Looks like a pizza).

2. What are the stages of Mitosis in sequence?

3. Define the following vocabulary terms:

Centriole-

Nucleolus-

Sister Chromatids-

Equatorial Plane-



8. What is the vocabulary term that refers to the actual process of cytoplasm dividing into two cells?

<http://www.nobelprize.org/educational/medicine/2001/cellcycle.html>

9. How many cells are replaced in our body every minute?

10. Do all cells in the human body divide at the same rate?

11. Describe what cells do when a cell next to them dies. How do they know to start dividing?

12. What are the two key molecules that control and coordinate cell division?

13. Now play the game. Good luck because it is difficult!