1. What is the cell cycle? ____________________________________________

2. Using this circle, map out the stages of the cell cycle. Be sure to label each stage.

3. List the 5 stages of the cell cycle and give a brief summary of the events that occur in each stage.
   ✷ ____________________________
   ✷ ____________________________
   ✷ ____________________________
   ✷ ____________________________
   ✷ ____________________________
1. What is the cell cycle? ____________________________________
___________________________________________________
___________________________________________________

2. Using this circle, map out the stages of the cell cycle. Be sure to label each stage.

3. The 5 stages of the cell cycle are:
   ✧ \( \text{G}_1 \) phase: A period of activity where cells do most their growing. The cell increases in size and synthesizes new proteins and organelles.
   ✧ \( \text{S} \) phase: Replication of DNA occurs.
   ✧ \( \text{G}_2 \) phase: Molecules and organelles needed for cell division are produced. They cell is preparing to divide.
   ✧ Mitosis: The division of the nucleus.
   ✧ Cytokinesis: The division of the cytoplasm.