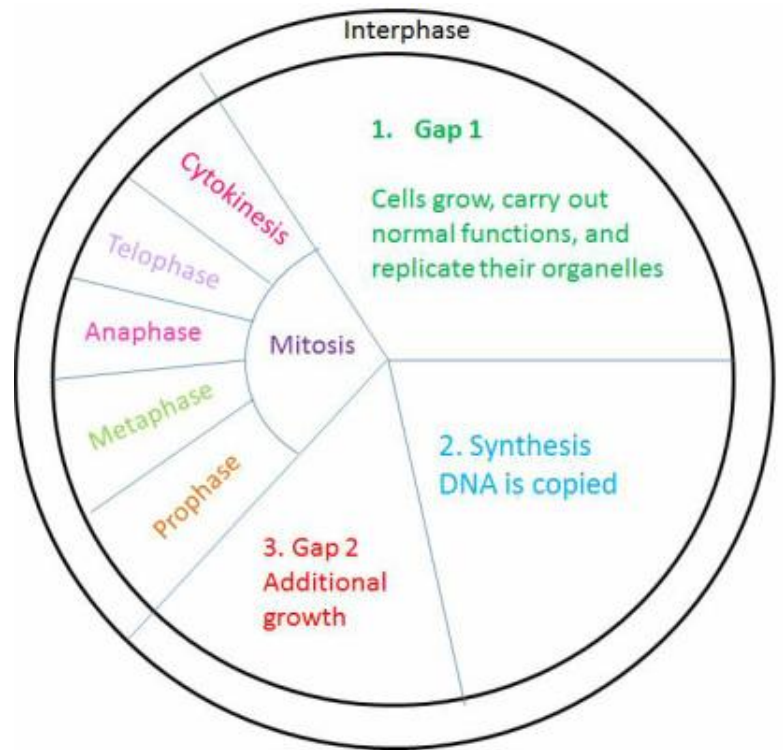


Interphase

- **Gap 1**- Cells grow, carry out normal functions, and replicate their organelles
- **Synthesis**- DNA is copied
- **Gap 2**- Additional growth



Importance of each step

- **Gap 1**- The importance of Gap 1 is carrying out normal functions, making sure the cell is healthy and replicating organelles to make sure the new cells have the same organelles.
- **Synthesis**- The importance of synthesis is allowing the daughter cells to have the same DNA.
- **Gap 2**- The importance of Gap 2 is to complete the process.