

Name _____

Mitosis: The Marvelous Mechanism for Growth and Tissue Repair

Short Answer

1. Explain the role of interphase in preparing the cell for mitosis.
2. Describe the main events that occur during the prophase stage of mitosis.
3. How does cytokinesis contribute to the completion of the cell cycle after mitosis?
4. Why is the alignment of chromosomes along the cell's equator during metaphase crucial for the success of mitosis?
5. Provide an example of tissue repair in the human body that involves mitosis.

