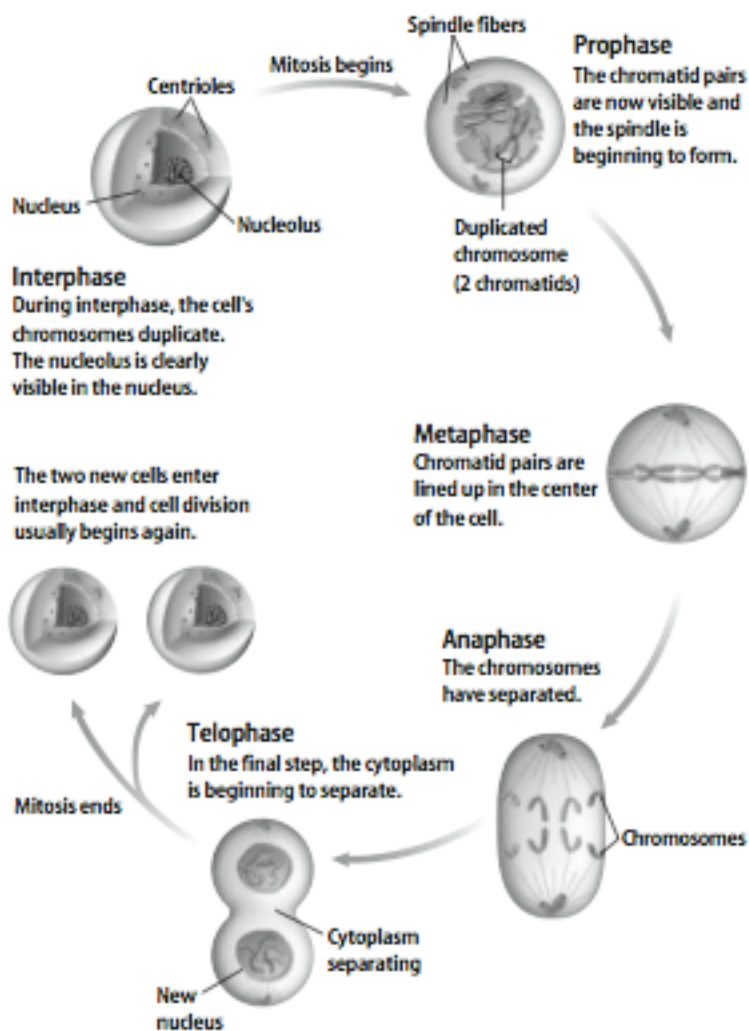


Picture This

5. Describe What happens during metaphase?



Reading Check

6. Define What are daughter cells?

What is cytokinesis?

Cytokinesis is the final stage of the cell cycle. During cytokinesis, the cytoplasm and its components divide to form two identical cells called **daughter cells**. ✓

In a cell with a cell wall, such as a plant cell, a **cell plate** forms between the two new nuclei. The cell plate eventually becomes the cell membrane. The new cell walls of the plant daughter cells are built from molecules released by the plant's cell membrane.

During cytokinesis, each daughter cell receives half the cytoplasm. The cytoplasm contains organelles that were replicated during the G2 stage of interphase.