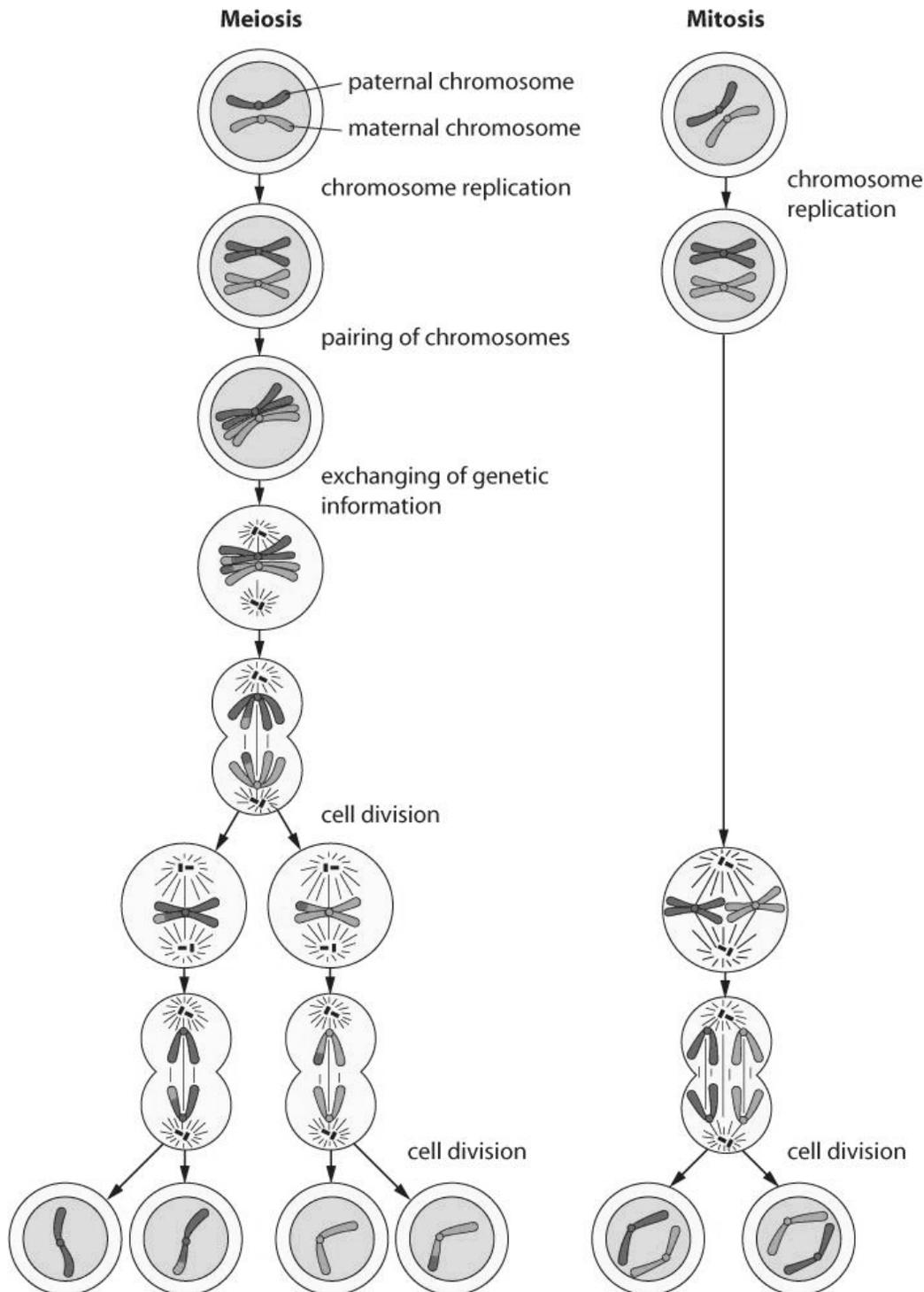


Meiosis and Mitosis: A Comparison



Meiosis involves two divisions of the nucleus with no replication of genetic material between them. Thus, it produces four daughter cells, each with half the original number of chromosomes. Mitosis involves a single division of the nucleus after chromosome replication. Thus, it produces two daughter cells, each containing the original number of chromosomes.