

SC.912.L.16.17 – Mitosis and Meiosis – Example 1 Answer

Mitosis and meiosis are processes involved in cellular reproduction. Which of the following describes an event that results from mitosis but NOT meiosis?

- A. two stages of cell division**
- B. replication of cellular genetic material**
- C. daughter cells that are identical to the parent cell**
- D. four daughter cells that are produced from each parent cell**

Answer

- C. daughter cells that are identical to the parent cell

Mitosis is the process of cell division for all cells in the body except reproductive cells. Mitosis results in daughter cells that are identical to the parent cell in every way including number of chromosomes.