

SC.912.L.16.17 – Mitosis and Meiosis – Example 4 Answer

Which of the following phrases best describes cancer?

- A. absence of cyclins in the DNA**
- B. multiple gene mutations on a chromosome of DNA**
- C. uncontrolled cell growth caused by mutations in genes that control the cell cycle**
- D. presence of genetic defects caused by hereditary disorders**

Answer

C. uncontrolled cell growth caused by mutations in genes that control the cell cycle

Cancer cells lack the ability to recognize and control cell growth and reproduction. As a result, they replicate again and again.