

SC.912.L.16.17 – Mitosis and Meiosis – Example 7 Answer

Which row in the chart below indicates the correct process for each event indicated?

Row	Formation of Egg	Formation of Sperm	Growth of Embryo
(1)	mitosis	mitosis	meiosis
(2)	mitosis	meiosis	mitosis
(3)	meiosis	mitosis	meiosis
(4)	meiosis	meiosis	mitosis

A. row 1

B. row 2

C. row 3

D. row 4

Answer

D. row 4

The formation of eggs and sperm is a meiotic process resulting in daughter cells that have half of the genetic information of the parent cell. The growth of the embryo is a mitotic process resulting in daughter cells that are identical to the parent cell.