

UNIT 12 - REPRODUCTIVE SYSTEM

ACTIVITY - Draw Spermatogenesis and Oogenesis

Name _____ Period _____

Spermatogenesis and oogenesis are two processes associated with meiosis. Meiosis is the specialized form of cell division which reduces the number of chromosomes in half. In humans, this means reducing the diploid (of full set) number of chromosomes (46) to the haploid number or 23. Meiosis only occurs in the gonads, the testes and ovaries.

A. Draw Spermatogenesis:

The formation of four haploid sperm cells in the male testes.

B. Draw Oogenesis:

The formation of a single haploid egg cell in the female ovaries. (The other 3 “eggs” become polar bodies and disintegrate)