6:9 The Development of Gametes

SPERMATOGENSIS: the process by which males gametes form

OOGENESIS: the production, growth, and maturation of an egg, or ovum



POLAR BODY: a short-lived product of the formation of gametes by meiosis

Steps of Sexual Reproduction

1. Organisms produce GAMETES: haploid sex cells. Female gametes are eggs, male gametes are sperm.
2. Egg and sperm unite forming ZYGOTE: diploid fertilized egg resulting from fusion of gametes, capable of developing into new organism.
3. Zygote develops into mature organism by mitosis.

