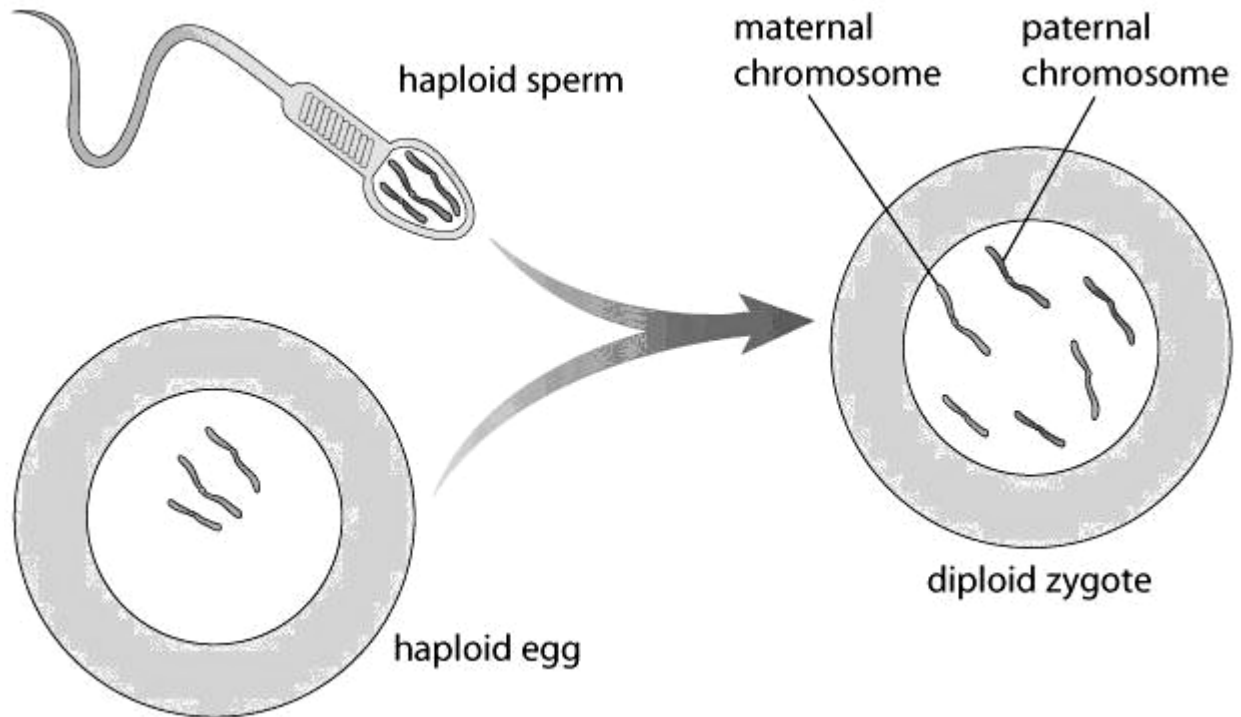


# Fertilization



The union of two haploid gametes forms a diploid zygote. The zygote contains chromosomes from each parent. The chromosomes that are donated from the ovum are of *maternal origin* and those from the sperm are of *paternal origin*.