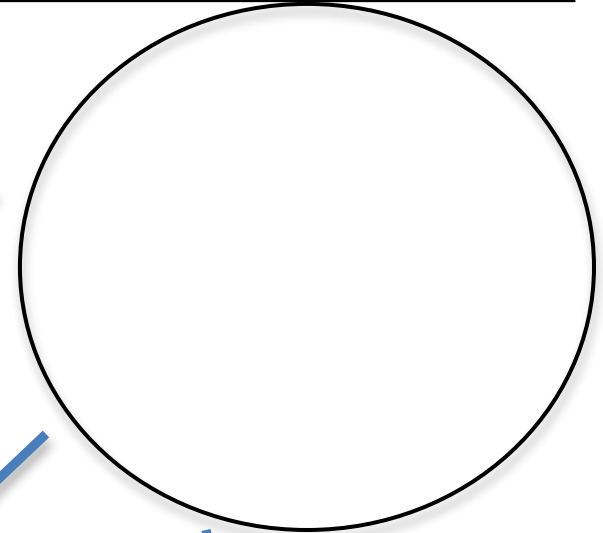
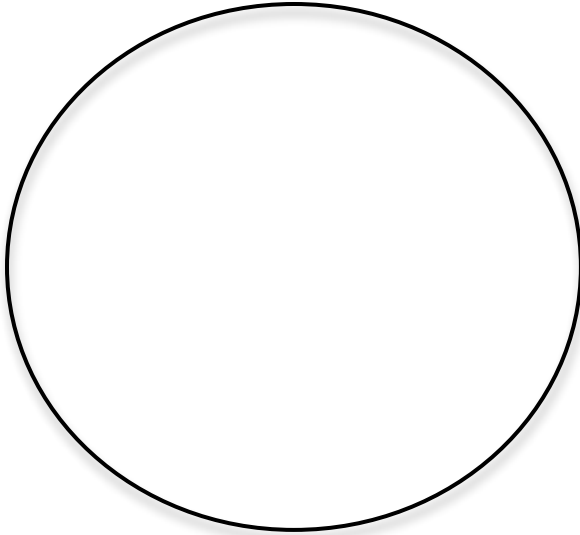


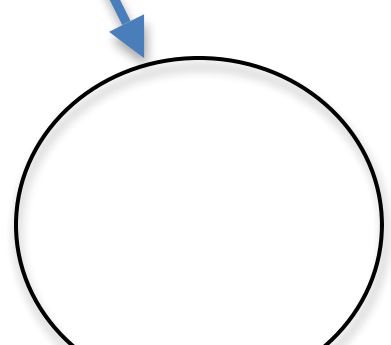
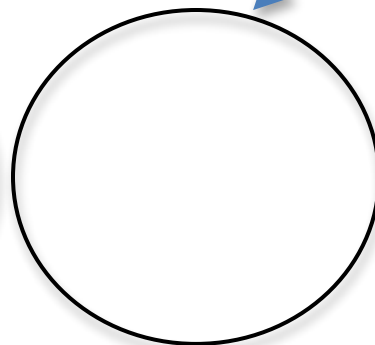
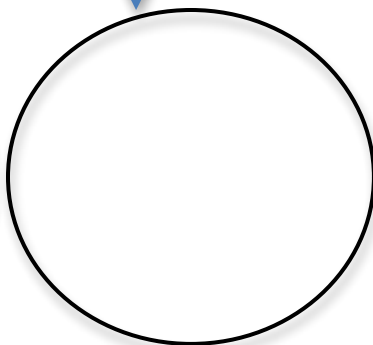
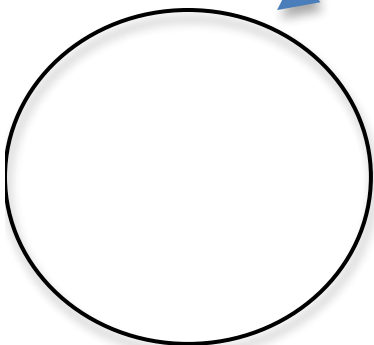
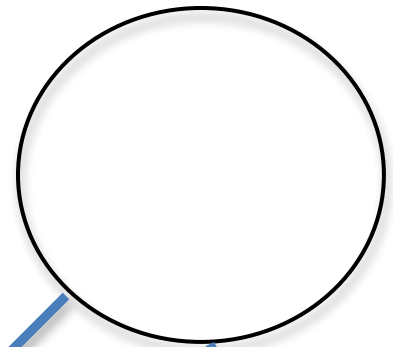
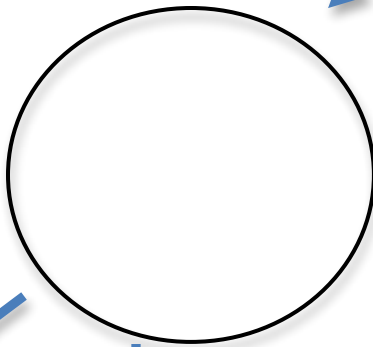
Meiosis & the Law of Segregation

Homologous chromosomes have with alleles for eye color

Homologous chromosomes duplicate forming sister chromatids. Two sister chromatids form tetrads; this allows for crossing over to occurs



Tetrads separate and go to separate cells, creating two cells with sister chromatids.

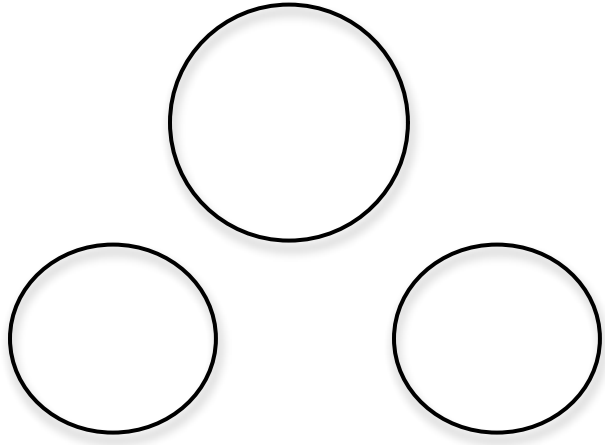


End Result of Meiosis: Gamete (sex) cells with half the number of chromosomes as original cell

Fertilization

As a result of meiosis, _____ cells are produced by mother and father. Through _____ these combine to form a _____, or an offspring.

Female gametes or egg cells:



Male gametes or sperm cells:

