



chromosomes homologous pairs  
 ↳ genes of each  
 - homozygous  
 - heterozygous  
 - recessive

You are a precious diploid combination of gene versions from your mother's Egg and Father's Sperm

Cell division in the (ovaries or testes) that results in genetically UNIQUE containing only copy of each

# MEIOSIS

Notice they are no longer (compare this with

These cells can find their homologous partner at conception!

1N + 1N