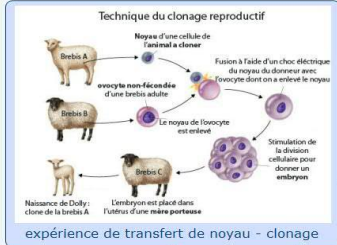
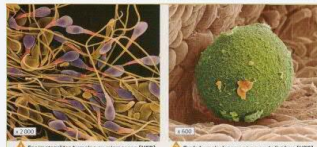


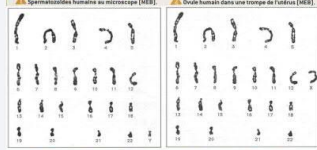
espèce 46 chrs (23 paires)
 XX femme
 XY homme



caryotype

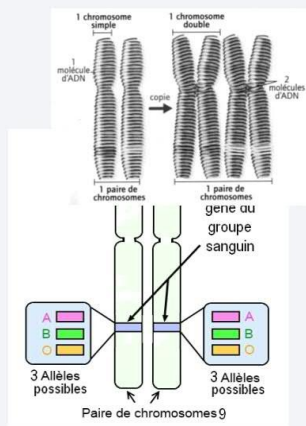


fécondation

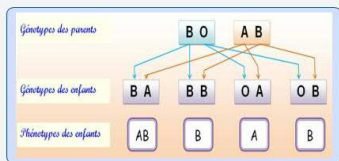


chromosome

simple = 1 mol ADN
 double = 2 mol ADN



gènes mutation allèles = versions de gènes
 génotype exemple allèles AA



détermine

caractère phénotype exemple groupe sanguin A