* Dihybrid Crosses
  + Crossing of individuals with differences in two characteristics
  + 9:3:3:1 ratio
* The Principle of Independent Assortment
  + Alleles at different loci separate independently of one another
* Relating the Principle of Independent Assortment to Meiosis
  + Each pair of homologous chromosomes separates independently of all other pairs in anaphase I of meiosis
    - Independent assortment of genes on different chromosomes
* Applying Probability and the Branch Diagram to Dihybrid Crosses
  + Dihybrid cross acts as two monohybrid crosses
  + Use branch diagrams to organize all combinations of characteristics
* The Dihybrid Testcross
  + Practice problem