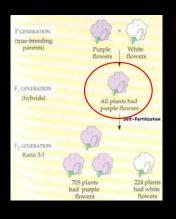
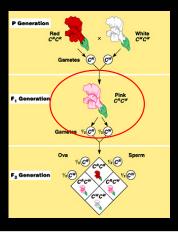
Complete Dominance

- · aka "simple" dominance
- Mendel's studies described complete dominance



Incomplete Dominance



- Heterzygotes produce less red pigment than red homozygotes
- Evidence for blending hypothesis?

Codominance

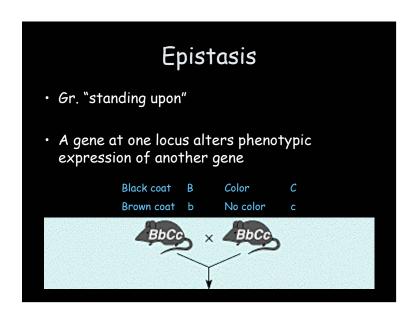
- Heterozygote does NOT express an intermediate phenotype.
- Ex. Roan cow = Red bull x white cow

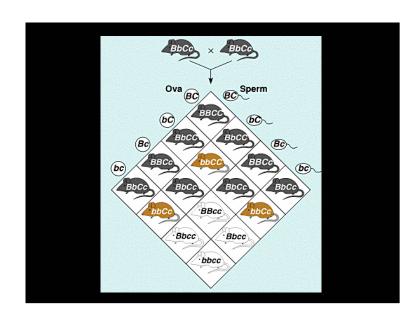


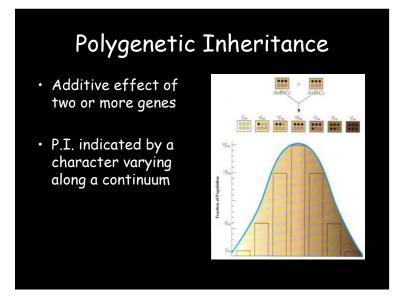
Multiple Alleles

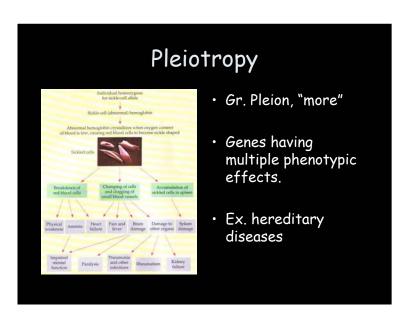
- >3 alleles for some characters
- Only two alleles per character in an individual!

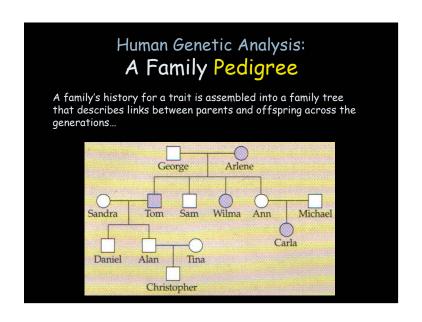
Blood type of cells	Genotype	Antibodies made by body	Reaction to added antibodies	
			Anti-A	Anti-B
A	I ^A I ^A or I ^A I ^O	Anti-B		
В	PP or PP	Anti-A		
AB	1-12	Neither anti-A nor anti-B	30 40 3	
o	pp	Both anti-A and anti-B		











Human Genetic Disorders

