Practice: Codominance and Incomplete Dominance				
Name				
1. Practice setting up keys for the phenotypes listed in each set. Remember that the "medium" trait must always be heterozygous.				
a) Birds can be blue, white, or white with blue-tipped feathers.				
b) Flowers can be white, pink, or red.				
c) A Hoo can have curly hair, spiked hair, or a mix of both curly and spiked.				
d) A maple tree can be tall, medium, or short.				
e) A zebra fish can have black & white stripes, be all black, or all white.				
2. Now, can you figure out in the above list, which of the letters represent co-dominant traits and which are incomplete.				
Co-dominant Incompletely Dominant				
3. In Smiley Faces, eye shape can be starred, circular, or a circle with a star. Write the genotypes for the pictured phenotypes				
4. Show the cross between a star-eyed and a circle eyed. What are the phenotypes of the offspring? What are the genotypes?				
5. Show the cross between a circle-star eyed, and a circle eyed. How many of the offspring are circle-eyed? How many of the offspring are circle-star eyed?				
6. Show the cross between two circle-star eyed. How many of the offspring are circle-eyed? How many of the offspring are circle-star eyed? How many are star eyed?				

Multiple Allele Traits : Human Blood Type				
Name .	e	period	date	
Human Blood type is controlled by a single gene with three alleles. The A allele (I ^A) and the B allele (I ^B) are CO-DOMINANT. Both the A and B alleles are Dominant to the O allele (i). For each of the following crosses determine the genotypes and phenotypes of the offspring.				
1.	. I ^A I ^A x I ^B i			
2.	. I ^B I ^B x I ^A I ^B			
3.	. A woman who is heterozygous Type A and a man	who has Type	O blood.	
4.	. A woman with homozygous Type A and a man wi	th Type AB blo	ood.	

5. A woman with heterozygous Type A and a man with Heterozygous Type B blood.