	<u>Genetics Pr</u>	actice Problems Set	<u>#1</u>	
	genotype below, indicate w t, or heterozygous recessive		dominant, homozygous	
AA	Ee	li	Mm	
Bb	ff	Jj	nn	
Сс	Gg	kk	00	
DD	НН	LL	Рр	
	of the genotypes below determinant to white flowers.		would be possible. Iominant to blue eyes	
PP				
Pp		Bb		
рр	bb			
Round seeds are do	minant to wrinkled seeds.	Bobtails in cats a	re recessive.	
RR	TT			
Rr	Tt			
rr	tt			
For each trait)	phenotype below, list the g	enotypes (remember to ι	use the letter of the dominant	
Straight hair is don	ninant to curly.	Pointed heads are don	ninant to round heads.	
straig	ht	pointed		
straig	ht	pointed		
curly		round		

Name: ______ Date: _____ Hour:____

Genotype means				
Phenotypes means				
1. Yellow flowers (Y) are dopphenotypes for the following?	minant to white flowers (y). W	hat are the genotypes and		
	Genotype	Phenotype		
Homozygous dominant				
Homozygous recessive				
Heterozygous				

2. Curly hair (C) is dominant to strait hair (c). What are the genotypes and phenotypes for the following?

	Genotype	Phenotype
Homozygous dominant		
Homozygous recessive		
Heterozygous		

3. Brown eyes (B) are dominant to hazel eyes (b). What are the genotypes and phenotypes for the following?

	Genotype	Phenotype
Homozygous dominant		
Homozygous recessive		
Heterozygous		

4. Tall plants (T) are dominant to short plants (t). What are the genotypes and phenotypes for the following?

	Genotype	Phenotype
Homozygous dominant		
Homozygous recessive		
Heterozygous		