Name:	Period:		
	Zork Genetics		
	tions: Using the alleles in the questions, create Punnett squares to help you answer the on. Make sure you are answering <u>all</u> parts of the question.		
1.	Green skin (G) is dominant to yellow skin (g). What could the possible offspring's phenotypes be when a <u>heterozygous</u> green skinned zork mates with a <u>homozygous yellow</u> skinned zork?		
2. Having two horns (H) is dominant to having only one horn (h). What could the genot be when a homozygous two horned zork mates with heterozygous two horned zork?			
3.	Green skin (G) is dominant to yellow skin (g). What are the possible genotype and phenotypes when a <u>heterozygous</u> green skinned zork mates with a <u>heterozygous</u> greeskinned zork?		

4.	Purple lips (L) are dominant to orange lips (l). What are the possible genotypes and phenotypes when a <u>homozygous</u> orange lipped zork mates with a <u>homozygous</u> purple lipped zork?			
5.	Tall zorks (T) are dominant to short zorks (t). Tork, who is a <u>h</u>	<u>omozygous</u> tal	ll zork meets	
	Vorkina, who is short. What are the phenotypes and genotypes of their possibl children?			
6.	Tork and Vorkina have two children. One is a boy named Torky named Vorki. Many years later, Torky meets and marries a girl short. What are the phenotype possibilities for their offspring Torky's height.	name Morkali	na who is	
7.		daughter meets a zork name Spork, who is <u>heterozygous</u> for tall. How many uld be tall? How many children could be short? Hint: Use #5 for Vorki's		