Name	

Gym Sock Genetics

We will be acting out this lab in class. You should pay attention to the lab and answer these questions as they arise in our discussion. Do not worry if you cannot understand all the new vocabulary right away: things will (hopefully) become clearer as we do the lab.

	 How many socks are given to a child by one of the parents? How is the color of the sock given to the child determined? 		
	3. What color is dominant? Why?		
	4. What color is recessive? Why?		
	5. What genotypes make red?		
	6. What genotypes make white?		
	7. List the genotype of a heterozygous individual:.		
	8. List the two possible genotypes of a homozygous individual.		
	9. Which of the genotypes in answer #8 is the homozygous dominant one?		
	10. Which of the genotypes in answer #8 is the homozygous recessive one?		
	11. What is the only possible genotype of the children from a cross of a homozygous		
	dominant parent with a homozygous recessive parent?		
	12. Draw a Punnett square for the cross described in question #11.		