PS: 1-Trait Diseases

Gene Notation =		Mom's Egg Varieties
Symbols Used: =	Dad's	
Parent MOM =	Spern	
Genotypes: DAD =	Dad's Sperm varieties	
	ies	
2) Huntington's Disease (HD) is caused by couple will have a normal, disease free chi	a Dominant mu ld if both MOM	ntation. What is the chance tha and DAD are heterozygous wi
Gene Notation =		Mom's Egg Varieties
Symbols Used:=	Dad	
Parent MOM =	Dad's Sperm varieties	
Genotypes: DAD =	m va	
	rieties	
] []	
3) CF disorder is caused by a recessive munormal, disease free child if MOM is a heter	tation. What is terozygous carrie	the chance that a couple will har and DAD has CF?
Gene Notation =		Mom's Egg Varieties
Symbols Used: =	Dad's	
Parent MOM =	Dad's Sperm varieties	
TATOTAL	· · · · · · · · · · · · · · · · · · ·	

4) Sickle-Cell Anemia is caused by a receivable a heterozygous carrier child unaffecte and DAD has Sickle-Cell Anemia?		hat is the chance the Anemia if MOM:	nat a couple will is heterozygous
Gene Notation =		Mom's Egg Varieties	
Symbols Used: =	Dad		
	's Sp		
Parent MOM =	erm		
Genotypes: DAD =	Dad's Sperm varieties		
5) Use the blank Punnett square below to f would result in 50% of the children heteroz CF. HINT: remember that CF is caused by	VUOIIS Carriere for	$f^{*}U^{*} \sim \pi d \mathcal{L}^{*} \Omega \Omega d = \mathcal{L}^{*} d \Omega$	OM & DAD) children with
DAD's genotype:			
MOM's genotype:			
6) What would the phenotype be for each pDAD's phenotype:		?	
MOM's phenotype:			
7) Each spring many Missourians are know dark all dressed from head to foot in camouf commonly known as Turkey Fever is a gene Fever and the other does not, is the mutation 50% of the children inherit Turkey Fever and Turkey Fever is (circle): Dominant or rece	taged clothing. Letically inherited did that causes Turked 50% do not?	ets assume this my	sterious malady
Explain:			
	MP-M-		
	- 100		