Name			_		Date _						
Sex-Linked Traits Practice Problems - Hemophilia											
In sex-linked inherecessive. Hemo clotting time of the	philia is inhe	rited exactly	y like colorblind	lness. The d	ominant gene	nd are usually e codes for normal					
	n view of t	his, what g	al man. They gene combina t is the proba	tion would	this woman	most likely					
Female genotyp	e:]	Male genotype:								
			Geno	types Phenot	types						
						HEMOPHILIA AWARENESS					
Daughter's	genotype:										
Answer:											
II. A man whos marries a norm chance of hemo	al woman	with no re	cord of hemo		_						
Male genotype	:	Fe	emale genotype:								
				Genotypes	Phenotypes						

III. Suppose a young lady comes to you for advice in your capacity as a marriage counselor. She tells you that her brother has hemophilia but both her parents are normal. She wishes to marry a man who has no history of hemophilia in his family, and wants you to tell her the probability of her children having the disorder. What will you tell her, and how will you explain your answer?

The lady's genotype:			Her husband's genotype:				
Genotypes of her fa	-		**	,	77 1 1)		
Her brother's :			Her mo	om's:	Her dad's:		
				Genotypes	Phenotypes		

Answer:

IV. A man sues his wife on the grounds of infidelity. Both man and wife have normal vision, but their daughter has coloboma iris, a fissure in the iris of the eye. This is known to be sex-liked recessive. If you were the man's lawyer, could you use this fact as evidence? Use the Punnett square to support your answer.



