X-Lir	nked Worksheet	Name:	
1.	Pam has a colorblind daughter with her colorblind husband, Matt. Pam's dad is colorblind but she and her mother are not. Matt learned in biology that it is unusual for females to be colorblind. You know that colorblindness is X-linked so please explain to him why this is or is not possible.		
_			
_			
2.	possibility that a child is theirs. This	A couple comes to you questioning the is the reasoning, Nate does not have Sickle e Liz. They have two sons; one who has the this is possible.	
3		a, an X-linked disorder, at the age of 2 not have the trait. They are discussing chances are of the following.	
	a. Having children with Hemophil	ia?	
	b. Having a girl with Hemophilia?		
	c. Having a boy with Hemophilia?	?	
4	Mark are confused because neither of has three sisters who are not colorblic colorblind. The only colorblind relative that Kim has an affair and Kim is con	nd since kindergarten. His parents Kim and of them nor their parents are colorblind. Kim and and Mark has two sisters who are not we is Kim's Uncle Tom. Mark is convinced vinced they have the wrong child. Both have the what is going on. The first step is genetic what do you find?	

What is the next step? _____

Lin	Linked Worksheet Name:	
5.	Justin has been diagnosed with Huntington's disease at the age of 35. Justin and Adrienne have two children. Kelly who is a girl and John who is a boy. Who to they need to tell they will inherit the disease and whom do they need to talk about the risks of passing it on? Why do they need to discuss all of this information?	
_		
6.	6. Tony has blood type AB and Tina is heterozygous B. They have a blood. Is this possible, explain.	child that has E
7.	7. Tara, the star of a soap opera, has and affair with Devin, but Tara i Jack. Tara gets pregnant and knows that Devin has blood type A a heterozygous B. The baby is O.	
	a. What is Tara's blood type?	
	b. Who is the father?	
8.	8. Walter is married and the father of three, has been in an accident. blood desperately and the Red Cross has a war they are saving blood is none locally for Walter to receive. His wife and children are at the volunteer to give blood. Walter is in surgery and his blood has not nor do they have time to test it. Of the following who should they g and why? a. Wife – Blood Type AB b. Lisa – Blood Type B c. Kevin – Blood Type AB d. Tony – Blood Type A 	ood for so there e hospital and been tested,