

Sex Linked Genes

Name _____

	X^B	X^B
X^b		
Y		

All of the sons in this cross are
[normal / colorblind]

All the daughters in this cross are
[normal / colorblind / carriers]



	X^B	X^b
X^b		
Y		

The mother in this cross is
[normal / colorblind / a carrier]

The father in this cross is
[normal / colorblind]

Half of the boys in this cross are
[carriers / colorblind]

All of Jane's sons are colorblind but none of her daughters are. Complete the Punnett square to show what her genotype must be. What is Jane's genotype_____

	?	?
X^B	$X^B X^b$	$X^B X^b$
Y	$X^b Y$	$X^b Y$

Show the cross between a carrier female $X^B X^b$ and a normal male $X^B Y$

You have to set this one up yourself.