

X linked red – green colour blindness disorder

	X	Y
X^h		
X		

1. What is the probability of the offspring being male?
2. Is the mother an affected female or a carrier?
3. What is the chance that the parents will produce an affected child?



4. **Bonus question**

What is nondisjunction?

- A. 23 chromosomes
- B. When chromosomes fail to separate during cell division
- C. When a sex-linked disorder is passed onto the offspring
- D. 22 pairs of autosomes