**Sex Determination and Linkage**

[**http://www2.edc.org/weblabs/SexDetermination/sexdetermination.html**](http://www2.edc.org/weblabs/SexDetermination/sexdetermination.html)

1. What are the sex chromosomes of a male? \_\_\_\_\_\_ What sex chromosomes can be present in his sperm? \_\_\_\_\_\_\_\_\_
2. What are the sex chromosomes of a female? \_\_\_\_\_\_\_\_ What sex chromosomes can be present in her eggs? \_\_\_\_\_\_\_\_
3. Explain why very little genetic information is carried on the X chromosome.
4. List the possible gene combinations for a colorblind female. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. List the possible gene combinations for a colorblind male. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Why is there a difference between the gene combinations for colorblind males and females?
7. Why are there more colorblind males than females?

1. Why do you think that colorblindness is called a sex-linked trait?
2. What other sex-linked trait is mentioned in this web lab? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_