

Learning Target: I can identify and explain patterns of inheritance in sex-linked traits.



How Do We Inherit Sex-Linked Traits Video Notes

[Scan to watch the video](#)

1. Sex-linked traits are traits that are carried on the \_\_\_\_\_.
2. Traits on the \_\_\_\_\_ are found only in \_\_\_\_\_ and are passed directly from \_\_\_\_\_ (females do not have a \_\_\_\_\_)
3. Recessive sex-linked traits are more common than \_\_\_\_\_ sex-linked traits.
4. Males are more likely to have \_\_\_\_\_ than \_\_\_\_\_ due to having only \_\_\_\_\_. Most females can be \_\_\_\_\_ for a certain trait.
5. Why are males more likely to have a sex-linked condition? \_\_\_\_\_

**A normal Man marries and has children with a Female who is a carrier for Hemophilia.**

**H = Normal      h = Hemophilia**

Watch the video and fill out the Punnett square below.

Chances of:

- a. Hemophiliac child = \_\_\_\_\_
- b. Hemophiliac son = \_\_\_\_\_
- c. Hemophiliac daughter = \_\_\_\_\_


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**Sex-Linked Inheritance**

6. The X-chromosome may contain alleles for \_\_\_\_\_
7. Why are females often carriers for an X-linked recessive disease? \_\_\_\_\_
8. Why did the males in the video get the sex-linked traits hemophilia, color blindness, and baldness?  
\_\_\_\_\_



**Scan to take the Quiz!**