

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 = _____

| | |
|--|--|
| | |
| | |

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

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!