

# Biology 13

## Modern

### Understandings

#### of Inheritance

Author: OpenStax College

Published 2015

# Create, Share, and Discover Online Quizzes.

QuizOver.com is an intuitive and powerful online quiz creator. [learn more](#)

Join QuizOver.com



## How to Analyze Stocks

By Yasser Ibrahim

1 month ago  
12 Responses

© iStock: Thomson Moter



## Pre Employment English

By Katharina jennifer N

5 months ago  
19 Responses

© iStock: Albin



## Lean Startup Quiz

By Yasser Ibrahim

2 months ago  
16 Responses

© iStock: Gekwiniel Olan

Powered by QuizOver.com

The Leading Online Quiz & Exam Creator

Create, Share and Discover Quizzes & Exams

<http://www.quizover.com>

## Disclaimer

All services and content of QuizOver.com are provided under QuizOver.com terms of use on an "as is" basis, without warranty of any kind, either expressed or implied, including, without limitation, warranties that the provided services and content are free of defects, merchantable, fit for a particular purpose or non-infringing.

The entire risk as to the quality and performance of the provided services and content is with you.

In no event shall QuizOver.com be liable for any damages whatsoever arising out of or in connection with the use or performance of the services.

Should any provided services and content prove defective in any respect, you (not the initial developer, author or any other contributor) assume the cost of any necessary servicing, repair or correction.

This disclaimer of warranty constitutes an essential part of these "terms of use".

No use of any services and content of QuizOver.com is authorized hereunder except under this disclaimer.

The detailed and up to date "terms of use" of QuizOver.com can be found under:

<http://www.QuizOver.com/public/termsOfUse.xhtml>



## eBook Content License

OpenStax College. Download for free at <http://cnx.org/content/col113448/latest/>

### Creative Commons License

Attribution-NonCommercial-NoDerivs 3.0 Unported (CC BY-NC-ND 3.0)

<http://creativecommons.org/licenses/by-nc-nd/3.0/>

You are free to:

Share: copy and redistribute the material in any medium or format

The licensor cannot revoke these freedoms as long as you follow the license terms.

Under the following terms:

**Attribution:** You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.

**NonCommercial:** You may not use the material for commercial purposes.

**NoDerivatives:** If you remix, transform, or build upon the material, you may not distribute the modified material.

**No additional restrictions:** You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits.

## 4. Chapter: Biology 13 Modern Understandings of Inheritance

### 1. Biology 13 Modern Understandings of Inheritance Questions

#### 4.1.1. X-linked recessive traits in humans (or in Drosophila) are observed...

Author: OpenStax College

X-linked recessive traits in humans (or in Drosophila) are observed \_\_\_\_\_.

Please choose only one answer:

- in more males than females
- in more females than males
- in males and females equally
- in different distributions depending on the trait

Check the answer of this question online at QuizOver.com:

Question: [X-linked recessive traits in humans or in OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/x-linked-recessive-traits-in-humans-or-in-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/x-linked-recessive-traits-in-humans-or-in-openstax-college-biology?pdf=1505>

#### 4.1.2. The first suggestion that chromosomes may physically exchange segme...

Author: OpenStax College

The first suggestion that chromosomes may physically exchange segments came from the microscopic identification of \_\_\_\_\_.

Please choose only one answer:

- synapsis
- sister chromatids
- chiasmata
- alleles

Check the answer of this question online at QuizOver.com:

Question: [The first suggestion that chromosomes may OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/the-first-suggestion-that-chromosomes-may-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/the-first-suggestion-that-chromosomes-may-openstax-college-biology?pdf=1505>

#### 4.1.3. Which recombination frequency corresponds to independent assortment...

Author: OpenStax College

Which recombination frequency corresponds to independent assortment and the absence of linkage?

Please choose only one answer:

- 0
- 0.25
- 0.50
- 0.75

Check the answer of this question online at QuizOver.com:

Question: [Which recombination frequency corresponds OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/which-recombination-frequency-corresponds-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-recombination-frequency-corresponds-openstax-college-biology?pdf=1505>



#### 4.1.4. Which recombination frequency corresponds to perfect linkage and vi...

Author: OpenStax College

Which recombination frequency corresponds to perfect linkage and violates the law of independent assortment?

Please choose only one answer:

- 0
- 0.25
- 0.50
- 0.75

Check the answer of this question online at QuizOver.com:

Question: [Which recombination frequency corresponds OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/which-recombination-frequency-corresponds-openstax-college-bio-9744071?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-recombination-frequency-corresponds-openstax-college-bio-9744071?pdf=1505>

#### 4.1.5. Which of the following codes describes position 12 on the long arm ...

Author: OpenStax College

Which of the following codes describes position 12 on the long arm of chromosome 13?

Please choose only one answer:

- 13p12
- 13q12
- 12p13
- 12q13

Check the answer of this question online at QuizOver.com:

Question: [Which of the following codes describes OpenStax College Biology 1](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-codes-describes-openstax-college-biology-1?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-of-the-following-codes-describes-openstax-college-biology-1?pdf=1505>

#### 4.1.6. In agriculture, polyploid crops (like coffee, strawberries, or bana...

Author: OpenStax College

In agriculture, polyploid crops (like coffee, strawberries, or bananas) tend to produce \_\_\_\_\_.

Please choose only one answer:

- more uniformity
- more variety
- larger yields
- smaller yields

Check the answer of this question online at QuizOver.com:

Question: [In agriculture polyploid crops like coffee OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/in-agriculture-polyploid-crops-like-coffee-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/in-agriculture-polyploid-crops-like-coffee-openstax-college-biology?pdf=1505>

#### 4.1.7. Assume a pericentric inversion occurred in one of two homologs prio...

Author: OpenStax College

Assume a pericentric inversion occurred in one of two homologs prior to meiosis. The other homolog remains normal. During meiosis, what structure-if any-would these homologs assume in order to pair accurately along their lengths?

Please choose only one answer:

- V formation
- cruciform
- loop
- pairing would not be possible

Check the answer of this question online at QuizOver.com:

Question: [Assume a pericentric inversion occurred OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/assume-a-pericentric-inversion-occurred-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/assume-a-pericentric-inversion-occurred-openstax-college-biology?pdf=1505>

#### 4.1.8. The genotype XXY corresponds to

Author: OpenStax College

The genotype XXY corresponds to

Please choose only one answer:

- Klinefelter syndrome
- Turner syndrome
- Triplo-X
- Jacob syndrome

Check the answer of this question online at QuizOver.com:

Question: [The genotype XXY corresponds to OpenStax College Biology 13 Modern](#)

Flashcards:

<http://www.quizover.com/flashcards/the-genotype-xyy-corresponds-to-openstax-college-biology-13-modern?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/the-genotype-xyy-corresponds-to-openstax-college-biology-13-modern?pdf=1505>

#### 4.1.9. Abnormalities in the number of X chromosomes tends to have milder p...

Author: OpenStax College

Abnormalities in the number of X chromosomes tends to have milder phenotypic effects than the same abnormalities in autosomes because of \_\_\_\_\_.

Please choose only one answer:

- deletions
- nonhomologous recombination
- synapsis
- X inactivation

Check the answer of this question online at QuizOver.com:

Question: [Abnormalities in the number of X chromosomes OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/abnormalities-in-the-number-of-x-chromosomes-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/abnormalities-in-the-number-of-x-chromosomes-openstax-college-biology?pdf=1505>



4.1.10. By definition, a pericentric inversion includes the \_\_\_\_\_.

Author: OpenStax College

By definition, a pericentric inversion includes the \_\_\_\_\_.

Please choose only one answer:

- centromere
- chiasma
- telomere
- synapse

Check the answer of this question online at QuizOver.com:

Question: [By definition a pericentric inversion OpenStax College Biology 13](#)

Flashcards:

<http://www.quizover.com/flashcards/by-definition-a-pericentric-inversion-openstax-college-biology-13?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/by-definition-a-pericentric-inversion-openstax-college-biology-13?pdf=1505>