SASKATCHEWAN BIOLOGY 30 · UNIT C · 5 QUESTIONS

Genetics - Inheritance and Molecular Genetics — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Anatomical model of the human eye on a small stand, cross-section showing lens, retina and optic nerve, on a plain white surface, large in frame, no people. For a genetic cross, 3 out of every 16 offspring are expected to show a recessive trait. The percent expected to show it is _____**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A change in DNA sequence is called**

A mutation

B allele

C genotype

D phenotype

Understand It with Pulse | Flag a mistake

3 **For a genetic cross, 5 out of every 16 offspring are expected to show a recessive trait. The percent expected to show it is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **For a genetic cross, 7 out of every 16 offspring are expected to show a recessive trait. The percent expected to show it is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **For a genetic cross, 9 out of every 16 offspring are expected to show a recessive trait. The percent expected to show it is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 18.75
2. A
3. 31.25
4. 43.75
5. 56.25

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