GENE EXPRESSION, MENDELIAN GENETICS, INHERITANCE, AND GENETIC ENGINEERING - PRACTICE TEST | NEW BRUNSWICK BIOLOGY 121-122 · UNIT B · 5 QUESTIONS

Gene Expression, Mendelian Genetics, Inheritance, and Genetic Engineering — 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

Two parents pose with their two young children. Two heterozygous parents Bb cross. The percent of offspring expected to be homozygous recessive is



ANSWER

Understand It with Pulse | Flag a mistake

2

Two heterozygous parents Bb cross and have 200 offspring. The expected number showing the recessive trait is

ANSWER

Understand It with Pulse | Flag a mistake

3 **A cross of AA with aa produces 60 offspring. The number that are heterozygous is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A test cross of Aa with aa produces 120 offspring. The expected number that are heterozygous is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A dihybrid cross produces 320 offspring. The expected number showing both recessive traits is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 25
2. 50
3. 60
4. 60
5. 20

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