NOVA SCOTIA ADVANCED BIOLOGY 12 · UNIT C · 5 QUESTIONS

Genetic Continuity — 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. In a cross 120 offspring are produced and three quarters are expected to show the dominant trait. The expected number showing the dominant trait is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **In a cross 160 offspring are produced and three quarters are expected to show the dominant trait. The expected number showing the dominant trait is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **In a dihybrid cross 480 offspring are produced. Nine sixteenths are expected to show both dominant traits. The expected number is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **In a dihybrid cross 160 offspring are produced. Nine sixteenths are expected to show both dominant traits. The expected number is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **In a DNA sample adenine makes up 5 percent of the bases. The percent that is cytosine is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 90
2. 120
3. 270
4. 90
5. 45

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