

Study Guide B

KEY CONCEPT

A population shares a common gene pool.

VOCABULARY

gene pool

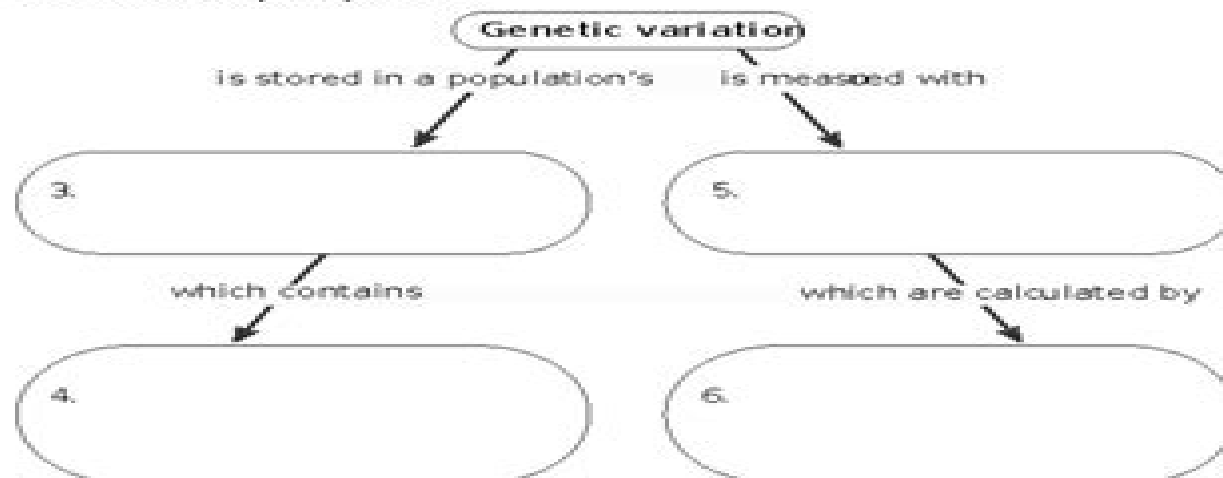
allele frequency

MAIN IDEA: Genetic variation in a population increases the chance that some individuals will survive.

1. What kind of variation must exist in a population that has a wide range of phenotypes?

2. How can a wide range of phenotypes increase the chance that some individuals will survive in a changing environment?

Fill in the concept map below.



MAIN IDEA: Genetic variation comes from several sources.

Genetic Variation Within Populations Study Guide Answers

Wolfgang Guggemos



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web 6 a 218 g sample of steam at 121 $^{\circ}\text{C}$ is cooled to ice at 14 $^{\circ}\text{C}$ find the change in heat content of the system 7 in going from ice at 34 $^{\circ}\text{C}$ to steam at 138 $^{\circ}\text{C}$ a sample of water absorbs $1 41 \times 10^5 \text{ J}$ find the mass of the sample answers 1 2 68 $\times 10^4 \text{ J}$ 2 6 23 $\times 10^4 \text{ J}$ 3 1 71 $\times 10^4 \text{ J}$ 4 1 11 $\times 10^5 \text{ J}$ 5 2 11 $\times 10^5 \text{ J}$ 6

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