

CHAPTER 18 THE THEORY OF EVOLUTION**Review the Key Terms**

allelic frequency
 artificial selection
 camouflage (KAM uh flahzh)
 disruptive selection
 gene pool
 genetic drift
 genetic equilibrium
 homologous structures (hoh MAW luh gus • STRUK churz)
 mimicry
 natural selection
 speciation
 stabilizing selection
 vestigial structures (ve STIH jee ul • STRUK churz)

Review the definitions of the Chapter 18 key terms listed in the box. Then look at the statements below. If the statement is true, write *true*. If a statement is *false*, replace the underlined word with another key term that will make the statement true. You will not use all the terms.

1. Natural selection is breeding living things to select for certain traits. _____
2. Mimicry enables an animal or a plant to blend with its surroundings. _____
3. Homologous structures are similar structures found in groups of related organisms. _____
4. Genetic equilibrium happens when alleles stay the same from generation to generation. _____
5. The allelic frequency is the entire collection of genes in a population. _____

Use the key terms in the box below. Review the definitions of these terms. Then draw a line to match each term in the box with its definition.

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| a. divergent evolution | 6. when a physical barrier divides a population into groups |
| b. geographic isolation | 7. any organism that has multiple sets of chromosomes |
| c. convergent evolution | 8. the idea that species form by gradual change over time |
| d. polyploid | 9. when two or more species become more separated over time |
| e. gradualism | 10. when distantly related life forms develop similar traits |