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Populations and Communities • Guided Reading and Study

Adapting to the Environment (p. 25)

Match the term with its definition.

Term	Definition
___ 1. natural selection _____	a. Characteristic that allows a species to live successfully in its environment
___ 2. adaptation	b. The way a species makes its living
___ 3. niche	c. Process in which a species becomes better suited to its environment

Competition (p. 26)

- Is the following sentence true or false? The struggle between organisms to survive in a habitat with limited resources is called natural selection.

- Is the following sentence true or false? Specializing can reduce competition. _____

Predation (pp. 27–29)

- An interaction in which one organism kills and eats another is called _____. The organism that does the killing is the _____. The organism that is killed is the _____.
- Is the following sentence true or false? If a prey population decreases, the population of its predator probably will decrease as well.

Symbiosis (pp. 30–31)

- Complete the compare/contrast table.

Types of Symbiotic Relationships	
Type of Relationship	How Species Are Affected
Mutualism	
	One species benefits; the other species is unharmed.
	One species benefits; the other species is harmed.

- In a parasitic relationship, the organism that benefits is called a(n) _____, and the organism it lives on or in is called a(n) _____.

