

Name: _____

Date: _____

Section 1.6 The Interactions of Living Things



Use your textbook's glossary to define the following key word.

Prey	
Predator	

Read pages 22-25, to fill in the blanks and answer the questions.

1) _____: Competition in an ecosystem occurs when an organism tries to _____ to survive but other organisms _____ to get the same things. This weakens plants and animals and then a _____ may affect them. Competition also limits the sizes of _____ (ex: grizzly bears).

2) _____ Interactions: A population cannot _____ unless there are enough _____. At the same time, predators tend to keep the _____ of prey from _____. Therefore, there is usually a _____ between predators and prey that is more like a _____.

3) The Aboriginal peoples and fur traders noticed a _____ year long cycle between _____ and _____. At first, scientists thought that when there were lots of hares, the _____ population would _____. Then, with more lynx, more hares would be eaten and their population would _____ causing less food for

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the lynx who would then decrease and so on. What do you think is actually causing the hare population to cycle? _____

Are scientists positive this is the cause for the hare cycle? _____

4) Complete questions #2, 3, and 4 from the "Check Your Understanding" on p.25. Either write the question and answer in point form or answer in complete sentences.

