

Adaptation and Natural Selection Short Answer Quiz

- 1) Some caribou have bigger antlers, darker fur or bigger feet. Each of these things about the caribou is called a _____.
- 2) Even though a herd of caribou are all the same _____, they may **vary** in size, color and shape.
- 3) Scientists call a group of the same kind of animals that have some different traits **genetic** _____.
- 4) A _____ is any group of the same species that live in one place.
- 5) If a trait helps an animal survive (find food, make a safer home, escape predators, etc.), scientists call this an _____ **trait**.
- 6) A caribou with a longer life can have more offspring that will **get** their helpful traits. Scientists call these _____ **traits**.
7. Over time, more and more of the caribou in the herd will have these helpful traits. Scientists call this **differential** _____.
8. Changes in a population like this, that help the group survive, is an example of **natural** _____.
9. Helpful traits can also be how an animal *acts* which helps it survive, such a rattlesnake shaking its rattle or a raccoon hissing to scare away enemies. Scientists call this **adaptive** _____.

Vocabulary Bank:	adaptive behavior inheritable population	reproduction selection species trait	variability
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Adaptation and Natural Selection

Short Answer Quiz Key

- 1) Some caribou have bigger antlers, darker fur or bigger feet. Each of these things about the caribou is called a trait.
- 2) Even though a herd of caribou are all the same species, they may **vary** in size, color and shape.
- 3) Scientists call a group of the same kind of animals that have some different traits genetic variability.
- 4) A population is any group of the same species that live in one place.
- 5) If a trait helps an animal survive (find food, make a safer home, escape predators, etc.), scientists call this an adaptive trait.
- 6) A caribou with a longer life can have more offspring that will **get** their helpful traits. Scientists call these inheritable traits.
7. Over time, more and more of the caribou in the herd will have these helpful traits. Scientists call this differential reproduction.
8. Changes in a population like this, that help the group survive, is an example of natural selection.
9. Helpful traits can also be how an animal *acts* which helps it survive, such a rattlesnake shaking its rattle or a raccoon hissing to scare away enemies. Scientists call this adaptive behavior.

Vocabulary Bank:	adaptive	reproduction	variability
	behavior	selection	
	inheritable	species	
	population	trait	