Evolution Changes in Populations	Name: Period:
Use Chapter 10, Section 3 of your textbook to answe	r the questions below.
Section 3: Natural Selection in Action (p.312)	
1. Over time, a population may	new adaptations that let it survive in its environment.
The theory of evolution helps to explain how a pop environment.	ulation can in response to its
Changes in Populations (p.312)	
3. Which of the following determine favorable a. environmental factors c. selective b. genetic variation d. random n	preeding
Genetic Variation (p.312)	
4. A measure how much individuals in a population d	ffer genetically is called
In a population with high genetic variation, membe (forms of their genes).	rs have many different
6. High genetic variation results in a	variety of traits. Low genetic variation results
in a variety of traits.	
7. Cheetahs are endangered because they have a lo	w This makes it more
difficult for them to naturally resist a	·
Environmental Factors (p.313)	
8. Environmental factors decide if an organism's	will be favorable or unfavorable.



____ 10. Which of the following environmental factors would be most likely to help a green snake survive?

c. predators

c. brown dead leaves

d. warm yellow sand

d. genes

9. Which of the following is NOT a kind of environmental factor?

b. food sources

a. flat grey rocks

b. tall green grass