Name:		Group:	Date:
	<b>Evolution</b>		STUDENT BOOK p. 305
1. ,	Which of the following statements is false?		
	<ul><li>a) Evolution brings about permanent char</li><li>b) Evolution is a very slow process.</li><li>c) Evolution enables species to adapt to o</li><li>d) Evolution produces species in which al</li></ul>	changes in their environme	□ □ nt. □
	A species evolves in many stages. Arrange the following stages in chronological order to reflect the process of evolution.		
	a) The members of a population within a s	species are not all identical	l.
	b) Selected traits are hereditary.		
	c) There is a change in the environment.		
	d) The species has adapted to its environ	ment.	
	e) Natural selection occurs.		
(	In one example of evolution, giraffes with a small neck and short legs evolved into the giraffes we see today. Match each of the following descriptions with a stage of evolution referred to in question 2 (a, b, c, d or e).		
	<ul> <li>Since giraffes with a long neck and long reproducing, they pass on these traits t</li> </ul>	• •	ce of
	<ul><li>b) The climate changes and there is less (</li><li>c) Giraffes that have a long neck and are are therefore healthier. Smaller giraffes</li></ul>	tall can reach food more e	asily and
	<ul> <li>d) Some giraffes have a slightly longer ne</li> <li>e) The giraffe population has changed. Ta a new species.</li> </ul>		ttle taller.
4.	What evidence do scientists use for studying	ng the origin and evolution	of species?