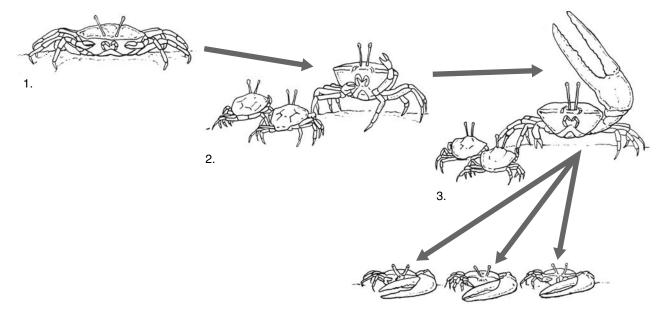
Vame	Class	Da	Date	
Section 15–2 l	deas That Shaped Darwin's	Thinking	(pages 373–377)	
	he theories of other scientists who influence ll, Lamarck, and Malthus.	ced Darwin,		
An Ancient Cha	nging Earth (pages 374-375)			
	o helped Darwin and others recognize	how old Farth	n is more	
	and		i io were	
	each idea that was proposed by James			
	housand years old.	3 11000010		
	are moved by forces beneath Earth's su	urface.		
•	l processes operate extremely slowly.			
0 0	hat changed Earth in the past are diffe	erent from the p	processes that	
3. Circle the letter of	each sentence that is true about Lyell'	s work.		
a. His book, Princ	ciples of Geology, was published after Da	arwin returned	l from his voyage	
b. His work expla over long perio	nined how awesome geological features ods of time.	s could be buil	t up or torn dow	
	ns helped Darwin appreciate the signifi at he had observed.	icance of the go	eological	
d. He stressed that can actually obs	t scientists must explain past events ir serve.	n terms of proc	esses that they	
4. In what two ways	did an understanding of geology influ	uence Darwin?		
	tion Hyphotheses (page 376)			
_	entence true or false? Lamarck was am	_		
•	ng things have changed over time			
6. Is the following se	entence true or false? Lamarck propose	_		
innate tendency to	oward complexity and perfection			

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Name	Class	Date
8. How did Lamarck pave the w	ray for the work of later biologists?	

9. Which step in the diagram below shows the inheritance of acquired traits as proposed by Lamarck?



Population Growth (page 377)

- 10. Circle the letter of each sentence that is true about Thomas Malthus.
 - **a.** He was an important influence on Darwin.
 - **b.** He was an English naturalist.
 - c. He believed that war, famine, and disease limit the growth of populations.
 - **d.** His views were influenced by conditions in twentieth-century England.
- **11.** Is the following sentence true or false? The overwhelming majority of a species' offspring survive.