د ا	lassification (pages 451-455)		
	Key Concepts		
٦	 Key Concepts How are evolutionary relationships important in classification? 		
	How can DNA and RNA help scientists determine evolutionary relationships?		
	troduction (page 451)		
1.	What traits did Linnaeus consider when classifying organisms?		
W	hich Similarities Are Most Important? (page 451)		
2.	What problems are faced by taxonomists who rely on body-structure comparisons?		
	volutionary Classification (page 452)		
3.	7 4 641 1 4 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4		
	Is the following sentence true or false? Darwin's theory of evolution changed the way		
	biologists thought about classification		
	biologists thought about classification		
	biologists thought about classification		
4.	biologists thought about classification How do biologists now group organisms into categories? Is the following sentence true or false? Genera placed within a family should be less		
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Name	Class	Date		
	A diagram that shows the evolutionary relationships among a group of organisms is called a(an)			
Is the following sentence true or false? Derived characters are used to construct a cladogram				
Similarities in DNA ar	d RNA (page 454)			
11. Is the following sentence	Is the following sentence true or false? Some organisms do not have DNA or RNA.			
12. How do similarities in ge	How do similarities in genes show that humans and yeasts share a common ancestry?			
13. A model that uses DNA of	Decular Clocks (page 455) A model that uses DNA comparisons to estimate the length of time that two species have been evolving independently is known as a(an)			
	molecular clock relies on the repeating process of			
	Why are only neutral mutations useful for molecular clocks?			
	Is the following sentence true or false? The degree of dissimilarity in DNA sequences is an indication of how long ago two species shared a common ancestor.			
Mhy are there many mole	ecular clocks in a genome inste	ad of just one?		