Name	Class	Date				
Chapter 3 The Biospher	e					
Section 3–1 What Is Ecology? (pages 63–65)						
This section identifies the diffictions that also describes method interactions and Interactions and Interactions and Interactions and Interactions and Interactions	<i>t</i> 30	ogists				
	dependence (page 63)					
2. What does the biosphere						

## Levels of Organization (page 64)

- 3. Why do ecologists ask questions about events and organisms that range in complexity from an individual to the biosphere?
- **4.** Complete the table about levels of organization.

## **LEVELS OF ORGANIZATION**

Level	Definition
Species	
	A group of individuals that belong to the same species and live in the same area
Community	
Ecosystem	
	A group of ecosystems that have the same climate and dominant communities

Naı	me	Class_		Date		
5. What is the highest level of organization that ecologists study?						
Eco	ological Method	ls (page 65)				
6.	What are the three basic approaches scientists use to conduct modern ecological research?					
	a	b	C			
7. Why might an ecologist set up an artificial environment in a laboratory?						
8. Why are many ecological phenomena difficult to study?						
9.	Why do ecologists	make models?				
	Is the following se	ntence true or false? An eco	ological model may	consist of a		