

Chapter 3 The Biosphere **Section Review 3-2**

Reviewing Key Concepts

Short Answer *On the lines provided, answer the following questions.*

1. What is the main source of energy for life on Earth?

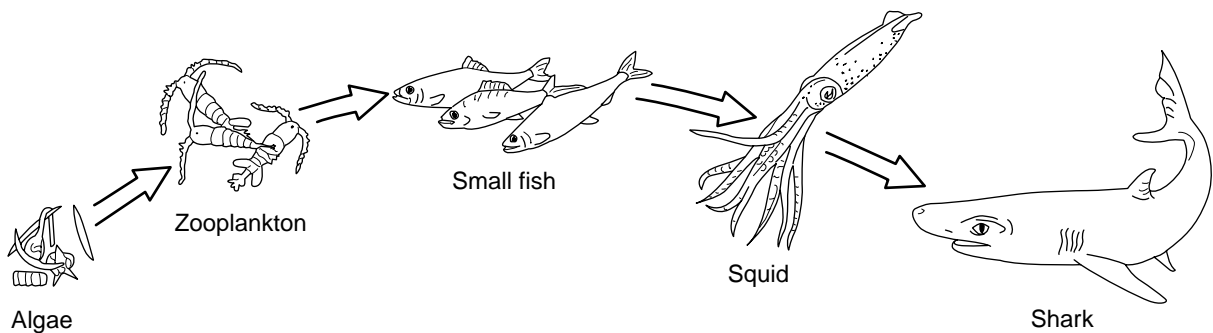
2. From what other source can organisms draw energy?

3. Describe the one-way path of energy through an ecosystem.

4. About how much of the energy within any level of a food chain is available to the next level?

Reviewing Key Skills

Interpreting Graphics



5. Name the producer(s) in the food chain. _____
6. Name the consumer(s) in the food chain. _____
7. **Applying Concepts** Explain how autotrophs are producers.

8. **Comparing and Contrasting** Compare and contrast the following types of consumers: herbivores, carnivores, and omnivores.

9. **Comparing and Contrasting** How does a food chain differ from a food web?

10. **Calculating** If producers in an energy pyramid produce ten million Calories of energy, how many Calories of energy would be available at the fourth trophic level?

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