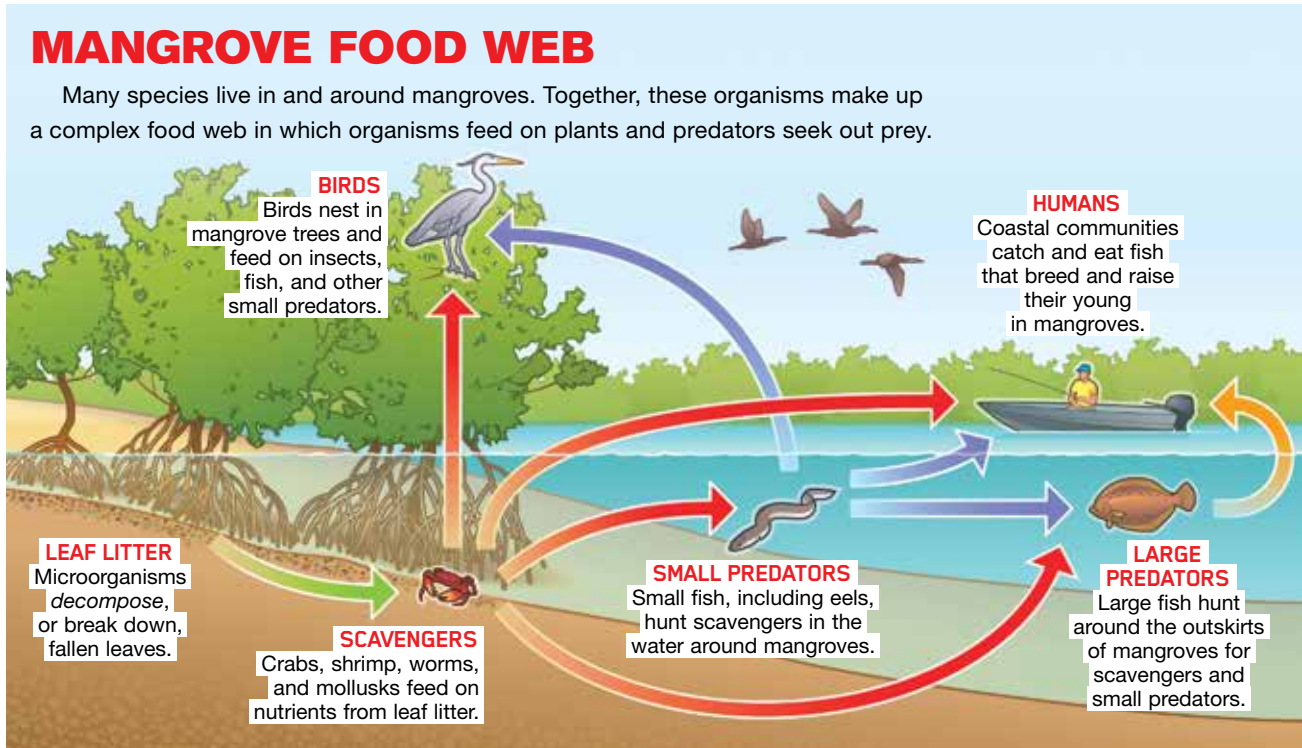


Name: _____

FOOD NETWORK

In “Mapping Mangroves” (p. 20), you read about the importance of coastal mangrove forests. The diagram in the article (also shown below) shows a model of the food web that is supported by this ecosystem. Study the diagram, and then answer the questions that follow.



ANALYZE IT

- How is the flow of energy from one organism to another represented in the diagram?
- How do plants provide energy to the mangrove food web?
- Consumers* are organisms that get energy from eating other organisms. Name two types of consumers in the mangrove food web.
- Describe an example of a *food chain*—one sequence or path through which nutrients flow in a food web—in the diagram.
- How would the disappearance of mangrove trees affect populations of predators like large fish? Support your answer with evidence from the diagram.