

## True or False

Follow the instructions to complete the activity.

NAME

DATE

Using the information in *Coral Reefs*, verify whether the following information is true or false. Check your answers in the book. If the statement is false, write the correct answer below it. List the page number where you found your information beside your answer.

**Statement 1**

Australia's Great Barrier Reef is the largest coral reef on Earth.

☐

True

☐

False

Page  
Number

**Statement 2**

Most crustaceans live on the land.

☐

True

☐

False

Page  
Number

**Statement 3**

Temperature is not the only cause of coral bleaching.

☐

True

☐

False

Page  
Number

**Statement 4**

When waves strike a coral reef, they are strengthened.

☐

True

☐

False

Page  
Number

**Statement 5**

Atolls are often found above the surface of the water.

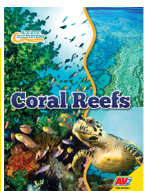
☐

True

☐

False

Page  
Number



## Coral Reef Energy

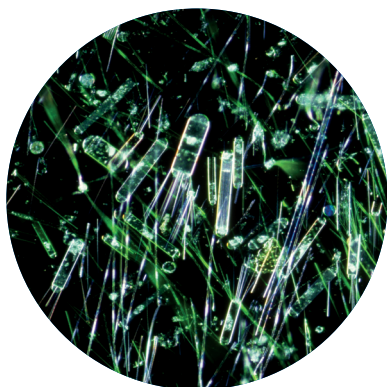
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Write the name of each organism in the space below its image. Then, match each organism to its ecosystem role by placing the correct letter beside its name.

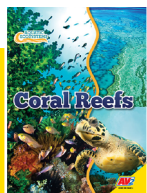
 

**A - Primary consumer**

**C - Secondary consumer**

**B - Tertiary consumer**

**D - Producer**



Overfishing can endanger coral reefs. Using the information on page 23 of *Coral Reefs*, match each picture with its description. Then, complete the chart by explaining how each type of fishing can harm coral reef ecosystems.



## 1. Fishing in Nurseries



## 2. Ghost Traps and Lost Nets



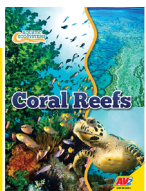
## 3. Fishing When Fish Spawn



## 4. Catching Large Fish



## 5. Non-Selective Traps



## Write an Expository Paragraph

Follow the instructions to complete the activity.

NAME

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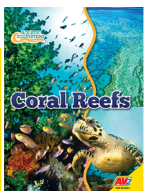
Use online resources and your local library to research examples of threats facing coral reefs today. Then, write an expository paragraph in the space below. Describe the steps you think people could take to help counter threats to bays. You can use the second page of this activity to record your research.

An expository paragraph is a group of sentences that provide information on a topic, give directions, or explain an event. An expository paragraph has three parts. The first part is the topic sentence. It tells readers what the paragraph will be about and catches their attention. Supporting sentences generally follow the topic sentence. They provide details explaining or supporting the topic sentence. At the end of an expository paragraph, a sentence wraps up, or summarizes, the ideas expressed in the paragraph. This is called the concluding sentence. It is usually a strong statement.

**Topic Sentence:**

**Supporting Sentence:**

**Concluding Sentence:**



Test your knowledge of bays by answering these brain teasers.

**How are coral reefs formed?**

**How can coral reefs protect coastal areas from tsunamis?**

**What are the differences between the four main types of coral reefs?**

**How do algae help coral polyps to survive?**

**How can erosion affect the ability of people to live in a coastal area?**



## Quiz

Test your knowledge of bays by answering these quiz questions.

NAME

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**1**

Are lionfish strong swimmers?

**2**

What happens to waves that strike coral reefs?

**3**

In which state is the only North American barrier reef?

**4**

How do cleaner shrimp attract fish?

**5**

What element from seabird droppings is used by coral to grow?

**6**

What is a ghost trap?

**7**

When did Europeans first find the Great Barrier Reef?

**8**

What can coral skeletons help replace in humans?



## Key Words Match-Up

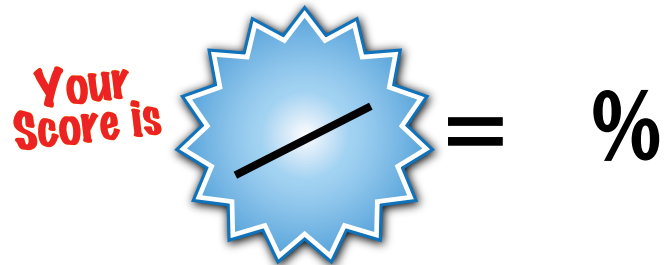
Write the words from the list below in the box above the correct definition for each word.

NAME

DATE

### KEY WORDS

|                  |                |
|------------------|----------------|
| algae            | islets         |
| archipelago      | omnivores      |
| carnivores       | parasites      |
| indigenous       | photosynthesis |
| invasive species | predators      |



- |   |   |
|---|---|
| <p>1. <input type="text"/><br/>animals that eat meat and plants</p> <p>2. <input type="text"/><br/>small islands</p> <p>3. <input type="text"/><br/>native to an area</p> <p>4. <input type="text"/><br/>animals that only eat meat</p> <p>5. <input type="text"/><br/>plant-like organisms that can turn sunlight into energy</p> <p>6. <input type="text"/><br/>organisms that live in or on another organism and harm it</p> | <p>7. <input type="text"/><br/>a process that produces energy using sunlight</p> <p>8. <input type="text"/><br/>a plant or animal species that has been placed in a new location and damages it</p> <p>9. <input type="text"/><br/>animals that hunt other animals</p> <p>10. <input type="text"/><br/>a group of islands</p> |
|---|---|

