



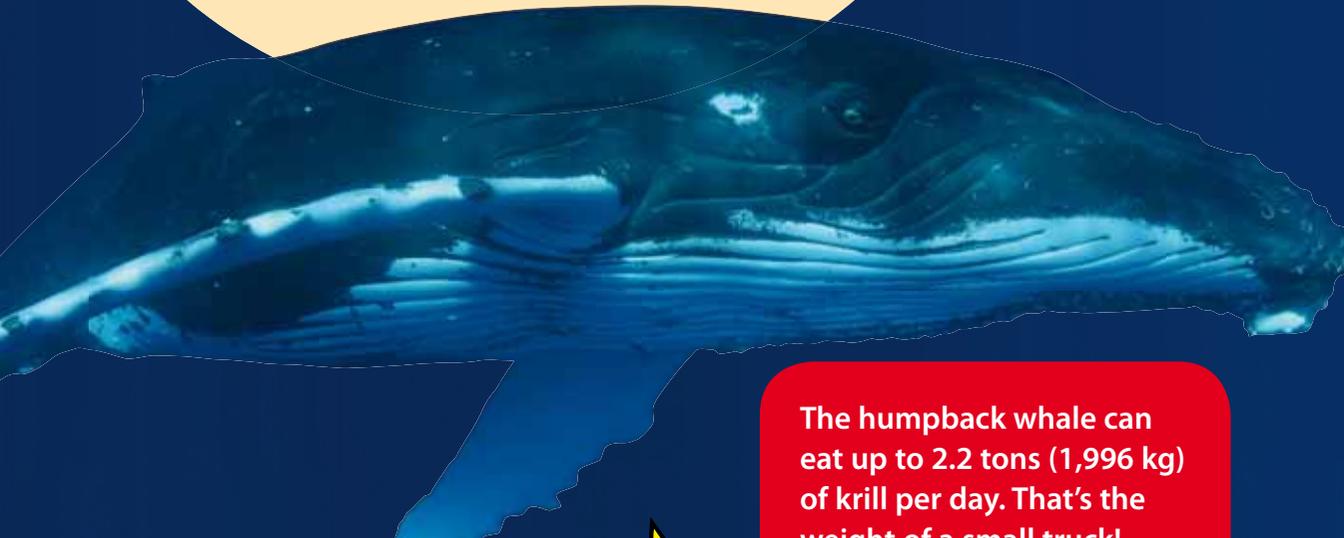
Corals grow in warm water in the sunlit zone. Corals may look like plants, but they are animals. Coral **reefs** can also form. Coral reefs are like wildlife parks under the water. Small fish and animals live and feed on the corals. Eels and sharks hunt the smaller animals.

### A Great Reef

The largest coral reef in the world is the Great Barrier Reef in Australia. It is 1,260 miles long (2,028 km). It has 3,000 different kinds of animals, including 350 kinds of corals and 2,000 kinds of fish.

The open ocean is away from the shore. It is still part of the sunlit zone but there is much less sea life out there. Sea animals have to travel farther to find food.

Krill are tiny ocean animals. They swim in huge groups in the open ocean. Whales, fish, seals, and penguins feed on krill.



The humpback whale can eat up to 2.2 tons (1,996 kg) of krill per day. That's the weight of a small truck!

### LET'S EXPLORE MATH

The smallest species of penguin is the little penguin. An adult weighs 2 pounds. *Hint:* 1 pound = 16 ounces

- How many ounces would 7 adult little penguins weigh in total?
- If a group of adult little penguins weighed 10 pounds in total, how many ounces is that?
- How many adult little penguins make up a total of 32 pounds?

# Life in the Twilight Zone

Light in the twilight zone is just a faint blue glow. The water is cold, about 41°F (5°C). Some animals that live here have big eyes to help them see. Many of these animals are silver, red, or clear in color. Some of these animals have special skin that makes them glow.

Giant squid live in these **dim** depths. They can grow to 45 feet (14 m) in length. They weigh up to 772 pounds (350 kg). Their eyes are as large as saucers!

Sperm whales hunt giant squid. They can dive to over 4,000 feet (1,219 m) and hold their breath for over an hour. The whale's big, blunt snout is like a huge weight that helps it sink to these depths.



sperm whale

## LET'S EXPLORE MATH

Sperm whales hunt giant squid.

**a.** Which of these units of measurement do you think best describes the weight of a sperm whale?

**1.** 45 ounces   **2.** 45 pounds   **3.** 45 tons

A giant squid can grow up to 45 feet (14 m) in length. A football field is 360 feet (110 m) in length.

**b.** How many giant squids could fit the length of a football field?

**c.** How many yards is a 45-foot long giant squid?

*Hint:* 3 feet = 1 yard