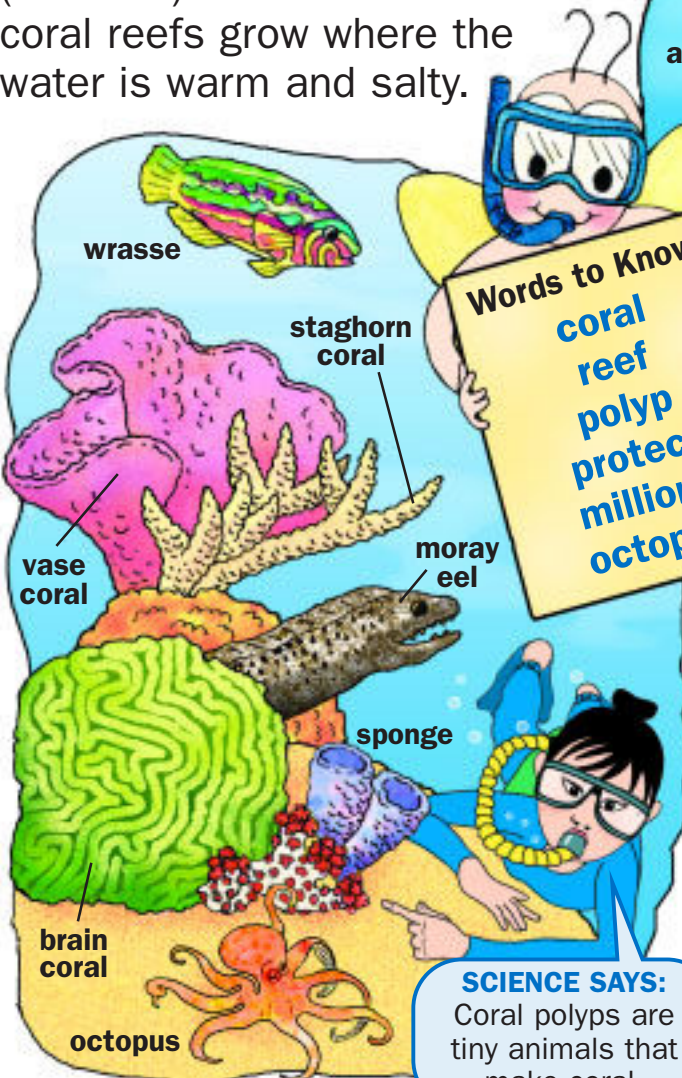
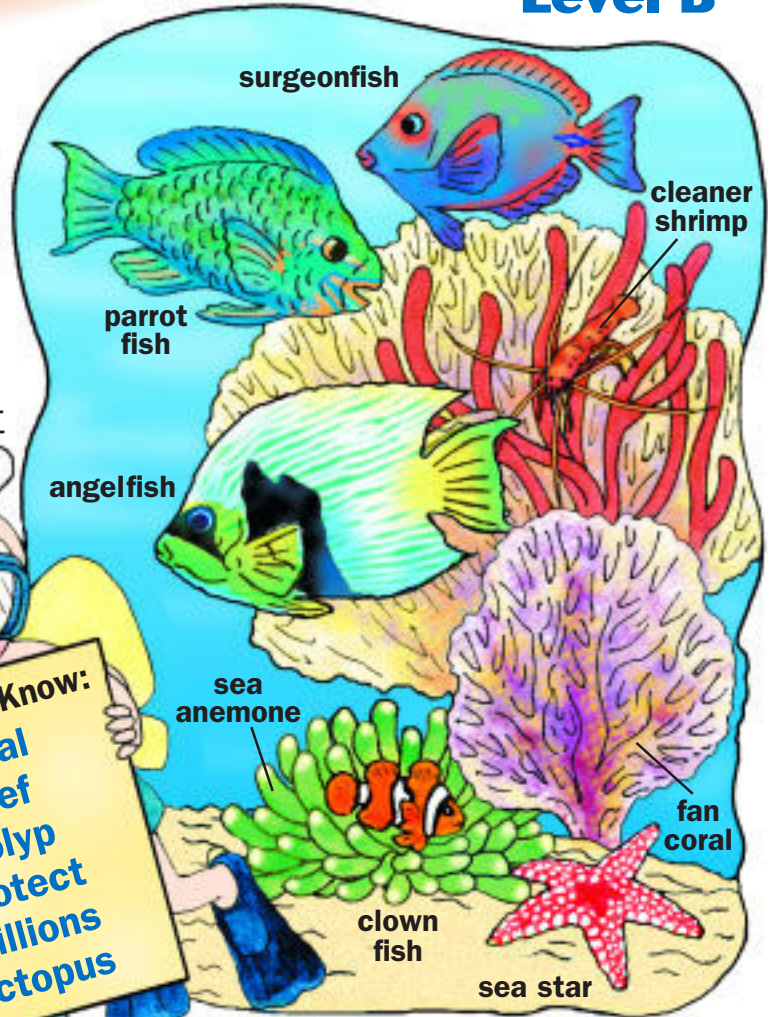




## Coral Reefs

## Level B

A **coral reef** (cor-al reef) is like a busy underwater city. It is built by soft, tiny animals called **coral polyps** (cor-al pol-yps). They build stony houses to **protect** (pro-TECT) themselves. A reef is made up of **millions** (mil-lions) of coral houses. Most coral reefs grow where the water is warm and salty.



Words to Know:  
coral  
reef  
polyp  
protect  
millions  
octopus

**SCIENCE SAYS:**  
Coral polyps are tiny animals that make coral.

A coral reef is home to many other kinds of animals, too. A sea star, an **octopus** (oc-to-pus) and many fish are living on this reef. In fact, more animals live on coral reefs than anywhere else in the ocean. Animals from other parts of the ocean often visit coral reefs to find food and have their babies.



## Vocabulary

Print the names of these coral reef animals.

**A** brain coral



\_\_\_\_\_

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\_\_\_\_\_

**B** wrasse



\_\_\_\_\_

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\_\_\_\_\_

**C** parrot fish



\_\_\_\_\_

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\_\_\_\_\_

**D** octopus



\_\_\_\_\_

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\_\_\_\_\_

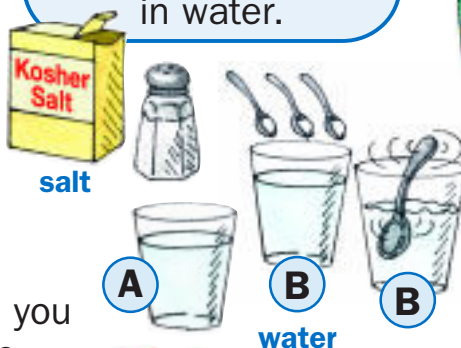


## Weekly Lab

**You need:** 2 tall clear cups marked A and B, Kosher or table salt, water, tablespoons, 2 different food colors

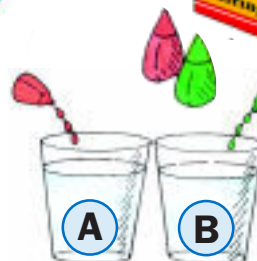
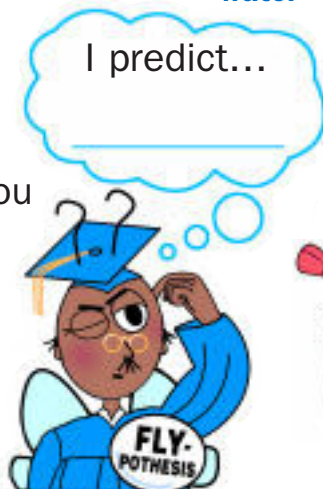
- Step 1:** Fill both cups with water.
- Step 2:** Add 3 tablespoons of salt to Cup B. Stir well. Let sit.
- Step 3:** Predict what will happen when you add 3 drops of food coloring to Cup A. Print your **hypothesis** (hy-poth-e-sis). Try it. Tell what happened.
- Step 4:** Predict what will happen when you add 3 drops of food coloring to Cup B (the cup with salty water). Print your hypothesis. Try it. Tell what happened.

**SCIENCE SAYS...**  
Ocean water is salty.  
Salt dissolves in water.



What will happen when we add food coloring to the saltwater?

I predict...



**Help FLY-pothesis finish his thought.**

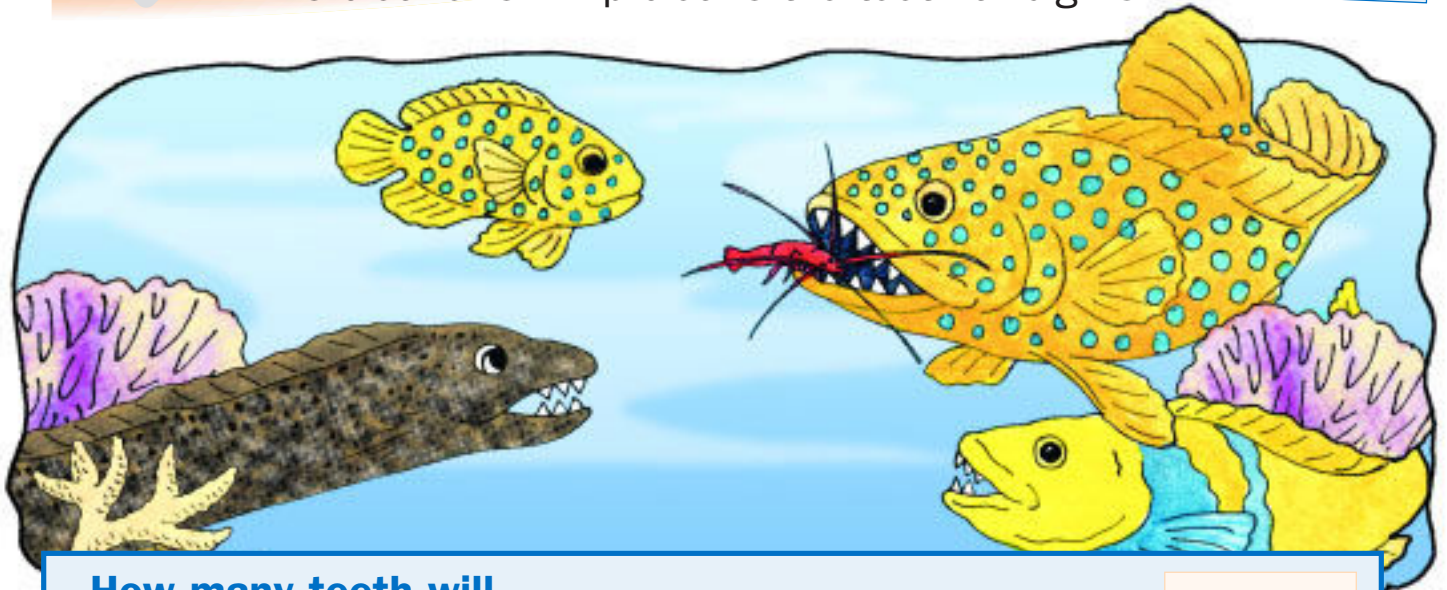


## Math

This cleaner shrimp cleans the teeth of big fish!

### DID YOU KNOW??

Corals grow about the same rate as your fingernails!!

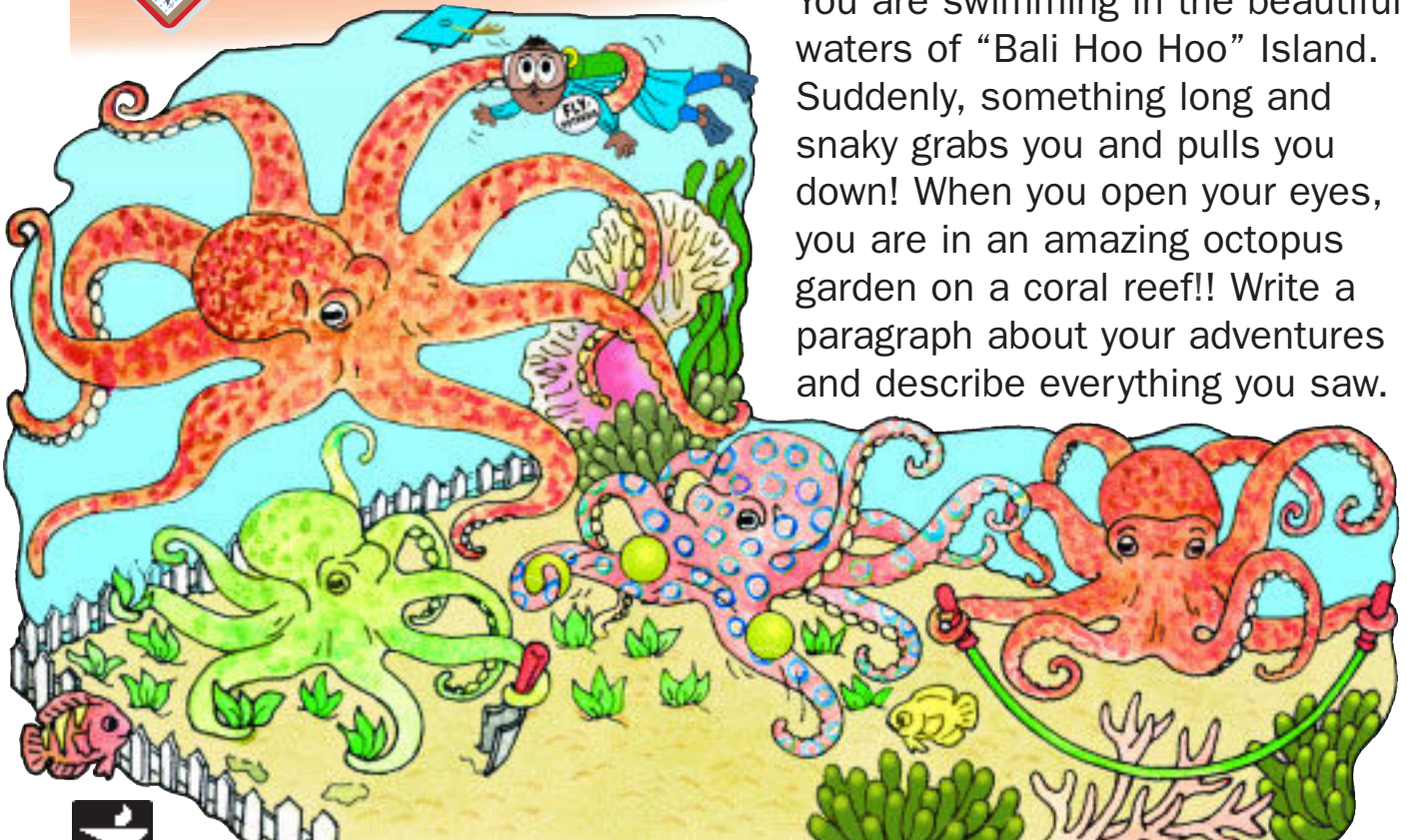


How many teeth will the cleaner shrimp clean on all three fish? \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_



## Writing in Science

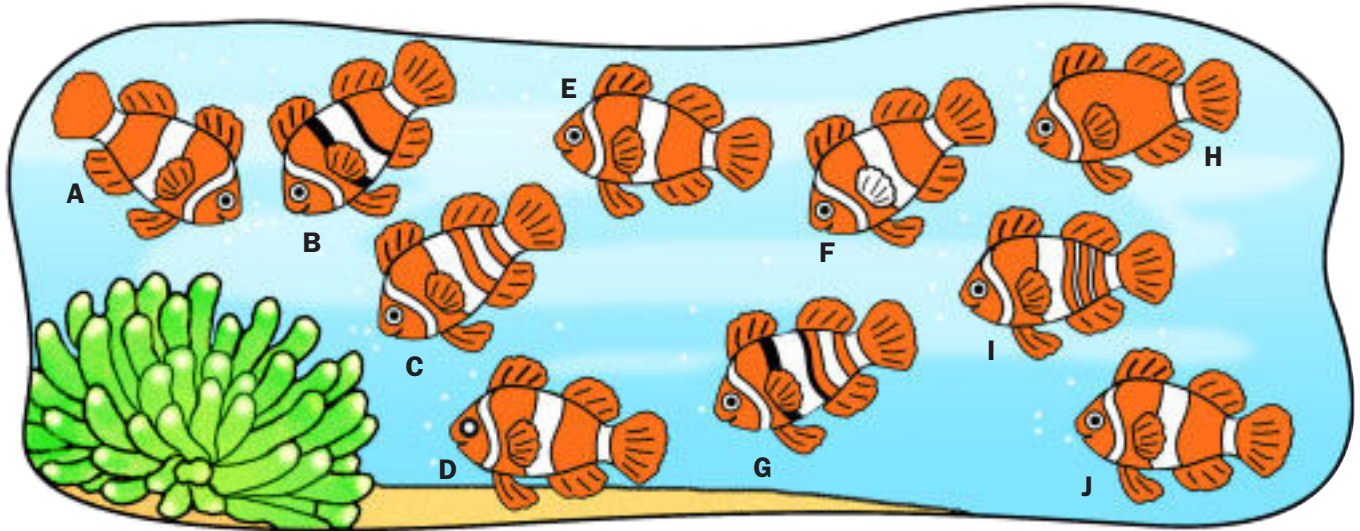
You are swimming in the beautiful waters of “Bali Hoo Hoo” Island. Suddenly, something long and snaky grabs you and pulls you down! When you open your eyes, you are in an amazing octopus garden on a coral reef!! Write a paragraph about your adventures and describe everything you saw.





## Challenge

These clown fish are swimming to the sea anemone to hide. Circle the 2 fish that are the same.



## Puzzle

At night, some corals use their stinging tentacles to catch and eat tiny sea animals. They also get food during the daytime from tiny **algae** (al-gae) plants that live inside of them. What are these plants called and what else do they do for their coral hosts?

Crack the **Coral Reef Code** to find out! **They are called**



and they also give coral its

