

## Unit 1 A Bug with a Big Mouth

### ■ Listening

W: Spiders and scorpions belong to the same family. But how is this possible? They don't \_\_\_\_\_ or \_\_\_\_\_. \_\_\_\_\_ have \_\_\_\_\_ and \_\_\_\_\_, but spiders \_\_\_\_\_. Spiders make \_\_\_\_\_, but scorpions don't. However, spiders and \_\_\_\_\_ are \_\_\_\_\_ similar in \_\_\_\_\_. Both spiders and scorpions have \_\_\_\_\_ and \_\_\_\_\_. They also \_\_\_\_\_. They also \_\_\_\_\_. And they both \_\_\_\_\_ other \_\_\_\_\_. So, it's no wonder they are part of the same family!

### ■ Integrated Practice

M: Some people think that spiders are bad, but I disagree. \_\_\_\_\_ like spiders. \_\_\_\_\_ they look scary, \_\_\_\_\_ spiders \_\_\_\_\_ not dangerous \_\_\_\_\_ all. \_\_\_\_\_ can't even \_\_\_\_\_ people—their \_\_\_\_\_ are too \_\_\_\_\_. And spiders \_\_\_\_\_ be very helpful to \_\_\_\_\_. Think about the \_\_\_\_\_ spider. This spider lives in \_\_\_\_\_ gardens and eats \_\_\_\_\_ and grasshoppers. Without \_\_\_\_\_ goldenrod spider, grasshoppers \_\_\_\_\_ eat our plants. \_\_\_\_\_ I would have more \_\_\_\_\_ bites! Mosquitoes are much worse than spiders!

## Unit 2 Visiting Eden

### ■ Listening

M: When you imagine a greenhouse, you probably think of a building with many glass windows. \_\_\_\_\_, Eden's big dome \_\_\_\_\_ don't have any glass \_\_\_\_\_ them. The \_\_\_\_\_ on Eden's domes are \_\_\_\_\_ of a special \_\_\_\_\_ of plastic. It's stronger than \_\_\_\_\_ plastic, and light \_\_\_\_\_ easily come through \_\_\_\_\_ special plastic. Another \_\_\_\_\_ thing about the \_\_\_\_\_ on Eden's \_\_\_\_\_ is that each \_\_\_\_\_ is like a \_\_\_\_\_. Try to picture \_\_\_\_\_. There are three \_\_\_\_\_ of special plastic \_\_\_\_\_ up. The edges \_\_\_\_\_ all glued \_\_\_\_\_. Then air is \_\_\_\_\_ into these stacked-up \_\_\_\_\_, which \_\_\_\_\_ them \_\_\_\_\_ like a little pillow. \_\_\_\_\_ air kept in \_\_\_\_\_ pillows helps \_\_\_\_\_ the cold \_\_\_\_\_ of the dome \_\_\_\_\_ keeping the warmth in \_\_\_\_\_ dome. And light \_\_\_\_\_ still get through \_\_\_\_\_ layers of \_\_\_\_\_! These pillows are great for keeping the domes warm while letting in plenty of light.

### ■ Integrated Practice

W: Orchids survive in places where there is a lot of water in the air, \_\_\_\_\_ their roots \_\_\_\_\_ not sit in \_\_\_\_\_. Just spray \_\_\_\_\_ with water. Orchids \_\_\_\_\_ need a medium \_\_\_\_\_ of light. Put \_\_\_\_\_ by a window \_\_\_\_\_ that they \_\_\_\_\_ at least four \_\_\_\_\_ of light a \_\_\_\_\_.

M: A \_\_\_\_\_ seems to grow \_\_\_\_\_ if you don't \_\_\_\_\_ it much attention. \_\_\_\_\_ course, a cactus \_\_\_\_\_ a lot of light. \_\_\_\_\_ only need a \_\_\_\_\_ water once a \_\_\_\_\_. Don't put the \_\_\_\_\_ on the plant. \_\_\_\_\_ it into the \_\_\_\_\_ around the cactus. \_\_\_\_\_ when the weather \_\_\_\_\_ cold, give the \_\_\_\_\_ less water.

W: Bamboo plants \_\_\_\_\_ a lot of clean \_\_\_\_\_. In fact, their \_\_\_\_\_ need to \_\_\_\_\_ in water all the \_\_\_\_\_. But the water \_\_\_\_\_ to be \_\_\_\_\_ once a week. \_\_\_\_\_ keep a bamboo \_\_\_\_\_ in strong light, \_\_\_\_\_ don't give it \_\_\_\_\_ plant food. \_\_\_\_\_ light and plant \_\_\_\_\_ are both \_\_\_\_\_ for bamboo plants.

## Unit 3 The Real Robin Hood?

### ■ Listening

W: I saw a movie about Robin Hood on television last night, but I didn't like it.

M: \_\_\_\_\_, I saw that \_\_\_\_\_, too. The \_\_\_\_\_ was very different \_\_\_\_\_ the original \_\_\_\_\_ and poems about \_\_\_\_\_ Hood.

W: Really? How \_\_\_\_\_ it different?

M: In the movie, \_\_\_\_\_ Hood was too \_\_\_\_\_. He helped \_\_\_\_\_ and always did \_\_\_\_\_ things. But in the \_\_\_\_\_ stories about \_\_\_\_\_ Hood, he wasn't \_\_\_\_\_ a nice guy.

W: You \_\_\_\_\_ in the original \_\_\_\_\_ Robin Hood \_\_\_\_\_ a hero?

M: Well, I \_\_\_\_\_ he was a \_\_\_\_\_. But heroes in \_\_\_\_\_ old stories aren't \_\_\_\_\_ heroes in the \_\_\_\_\_ of today. \_\_\_\_\_ in Robin Hood's \_\_\_\_\_, he took \_\_\_\_\_ and kept it for \_\_\_\_\_. And he \_\_\_\_\_ people, sometimes \_\_\_\_\_ a good reason.

W: So, in the \_\_\_\_\_ poems and \_\_\_\_\_, he didn't take \_\_\_\_\_ the rich and \_\_\_\_\_ to the poor.

M: Not \_\_\_\_\_. He and his robber friends were more like real robbers.

### ■ Integrated Practice

W: The story of George Washington and \_\_\_\_\_ cherry tree is just that, a story. This famous \_\_\_\_\_ in Washington's \_\_\_\_\_ never actually \_\_\_\_\_. Where did the \_\_\_\_\_ come from? \_\_\_\_\_ story was made up by a \_\_\_\_\_ in the 1700s \_\_\_\_\_ Mason Weems. \_\_\_\_\_ Weems was a \_\_\_\_\_ pastor who wrote several \_\_\_\_\_ biographies. His most famous \_\_\_\_\_ was The \_\_\_\_\_ of Washington. It is \_\_\_\_\_ that many \_\_\_\_\_ children today still \_\_\_\_\_ this story about \_\_\_\_\_ and the cherry \_\_\_\_\_. It is a "fact" \_\_\_\_\_ most schoolchildren can \_\_\_\_\_ about Washington. Too bad the story is not really true.

## Unit 4 Looks Good Enough to Eat!

### ■ Listening

W: Almost everyone loves cream puffs, myself included. \_\_\_\_\_ dessert was \_\_\_\_\_ invented in the 1540s \_\_\_\_\_ has been \_\_\_\_\_ ever since. I love to eat the \_\_\_\_\_ outside pastry. \_\_\_\_\_ is the delicious \_\_\_\_\_ custard, or \_\_\_\_\_ filling. In order to \_\_\_\_\_ cream puffs, \_\_\_\_\_ first need the pastry \_\_\_\_\_ dough. Then roll \_\_\_\_\_ dough into little \_\_\_\_\_ and put \_\_\_\_\_ in the oven. You cook this \_\_\_\_\_ it is crisp \_\_\_\_\_ the outside \_\_\_\_\_ soft on the inside. \_\_\_\_\_ you take \_\_\_\_\_ pastry shell \_\_\_\_\_ of the oven, you \_\_\_\_\_ it in half. \_\_\_\_\_ each half \_\_\_\_\_ sweet cream, and \_\_\_\_\_ the shells \_\_\_\_\_ again. A \_\_\_\_\_ dessert! I am sure it will be popular for another 400 years.

### ■ Integrated Practice

B: My favorite dessert is my chocolate birthday cake. \_\_\_\_\_ is made \_\_\_\_\_ out of chocolate. \_\_\_\_\_ love \_\_\_\_\_. This dessert \_\_\_\_\_ special because \_\_\_\_\_ is just for \_\_\_\_\_!

G: I like \_\_\_\_\_ cream sundaes \_\_\_\_\_, especially ice cream with \_\_\_\_\_ and chocolate sauce \_\_\_\_\_ it. I like the sweet \_\_\_\_\_ of the caramel \_\_\_\_\_ the cold, rich taste \_\_\_\_\_ the ice cream. This \_\_\_\_\_ is perfect for summer!

W: I really \_\_\_\_\_ specialty chocolates. \_\_\_\_\_ are handmade by \_\_\_\_\_ baker. It \_\_\_\_\_ skill to make \_\_\_\_\_! I really \_\_\_\_\_ the caramel taste inside some of them.

## Unit 5 An Ancient Game

### ■ Listening

M: A Go board game looks a little bit like chess or checkers. \_\_\_\_\_ are squares \_\_\_\_\_ the board and \_\_\_\_\_ the pieces are \_\_\_\_\_ two colors, black \_\_\_\_\_ white, or red \_\_\_\_\_ the case of checkers. \_\_\_\_\_ you play Go \_\_\_\_\_ chess or checkers?

W: Not \_\_\_\_\_. In chess \_\_\_\_\_ checkers, players move \_\_\_\_\_ pieces. And \_\_\_\_\_ pieces in those \_\_\_\_\_ have more \_\_\_\_\_ than other pieces. For \_\_\_\_\_, the queen piece \_\_\_\_\_ chess or crowned \_\_\_\_\_ in checkers are \_\_\_\_\_ than other pieces. But in \_\_\_\_\_, none of the \_\_\_\_\_ move and they \_\_\_\_\_ have the same \_\_\_\_\_.

M: Really? \_\_\_\_\_ don't move \_\_\_\_\_ pieces in Go?

W: Nope. You just \_\_\_\_\_ them on the \_\_\_\_\_. If you put \_\_\_\_\_ in the right \_\_\_\_\_, you can take \_\_\_\_\_ other player's pieces \_\_\_\_\_ the board. I \_\_\_\_\_ that's the same \_\_\_\_\_ all three games. \_\_\_\_\_ try to remove the other \_\_\_\_\_ pieces.

M: I think I'd \_\_\_\_\_ to learn \_\_\_\_\_ to play Go \_\_\_\_\_.

W: Come over \_\_\_\_\_ and I'll \_\_\_\_\_ you how to \_\_\_\_\_.

M: OK. I'd like that.

### ■ Integrated Practice

M: Anyone who learns how to play both Go and chess will notice that Go has fewer rules than chess. \_\_\_\_\_ chess, each \_\_\_\_\_ moves in a \_\_\_\_\_ way. In \_\_\_\_\_, the pieces \_\_\_\_\_ move at all! \_\_\_\_\_, first-time \_\_\_\_\_ can start playing \_\_\_\_\_ right away, \_\_\_\_\_ first-time learners of \_\_\_\_\_ have to study for \_\_\_\_\_ time before \_\_\_\_\_ can play their \_\_\_\_\_ game. Even \_\_\_\_\_ Go seems easy at \_\_\_\_\_, it is \_\_\_\_\_ harder than \_\_\_\_\_ in some ways. \_\_\_\_\_ games are \_\_\_\_\_ a war. But a \_\_\_\_\_ of chess is like \_\_\_\_\_ face-to-face \_\_\_\_\_ in the war. Go is more like a battle with troops all around, not just in front of you.

## Unit 6 What's That Noise?

### ■ Listening

W: Many people don't realize that noise can be harmful to our health and the health of the environment. \_\_\_\_\_ course, anyone \_\_\_\_\_ or working in \_\_\_\_\_ place with a \_\_\_\_\_ of noise pollution \_\_\_\_\_ eventually lose \_\_\_\_\_ or all of their hearing. \_\_\_\_\_ losing your hearing, \_\_\_\_\_ pollution can \_\_\_\_\_ affect your heart. \_\_\_\_\_ just eight hours of \_\_\_\_\_—like hearing \_\_\_\_\_ all day at work—\_\_\_\_\_ make a person's \_\_\_\_\_ pressure go up. \_\_\_\_\_ time, high \_\_\_\_\_ pressure leads to \_\_\_\_\_ problems. This is \_\_\_\_\_ way that \_\_\_\_\_ pollution can \_\_\_\_\_ us. But it can \_\_\_\_\_ affect animals and the \_\_\_\_\_ around us. Noise \_\_\_\_\_ from human \_\_\_\_\_, like construction or \_\_\_\_\_, can affect \_\_\_\_\_ and where \_\_\_\_\_ eat. It can \_\_\_\_\_ have an \_\_\_\_\_ on when and if \_\_\_\_\_ have \_\_\_\_\_. In some \_\_\_\_\_, noise pollution has \_\_\_\_\_ animals! This is what \_\_\_\_\_ with a certain \_\_\_\_\_ of whale. These whales were so sensitive to the noise of certain equipment used by the navy that all of the whales died.

### ■ Integrated Practice

W: Around my house there is a lot of noise pollution. I \_\_\_\_\_ hear the \_\_\_\_\_ of traffic \_\_\_\_\_ my window, and my \_\_\_\_\_ talk very loudly \_\_\_\_\_. There is \_\_\_\_\_ a lot of \_\_\_\_\_ pollution inside my \_\_\_\_\_. My sister \_\_\_\_\_ to heavy metal \_\_\_\_\_ on her stereo \_\_\_\_\_ earphones. And \_\_\_\_\_ dad always \_\_\_\_\_ up the \_\_\_\_\_ very loud! I just wish my home could be silent.

## Unit 7 Doctor Fish

### ■ Listening

M: Doctor fish are known to help treat skin disease. By \_\_\_\_\_ the diseased \_\_\_\_\_, these fish \_\_\_\_\_ people to have \_\_\_\_\_ skin. This is \_\_\_\_\_ the only use for \_\_\_\_\_ fish. Now, some \_\_\_\_\_ are using these \_\_\_\_\_ to help \_\_\_\_\_ have more beautiful \_\_\_\_\_ as well. Spas in \_\_\_\_\_ are buying these \_\_\_\_\_ for use in \_\_\_\_\_ clinics. Customers put their \_\_\_\_\_ or feet in the \_\_\_\_\_ with these \_\_\_\_\_. The fish eat the \_\_\_\_\_, dead skin on \_\_\_\_\_ hands and feet. \_\_\_\_\_ a result, the \_\_\_\_\_ have soft, clean \_\_\_\_\_. These spas \_\_\_\_\_ say that the \_\_\_\_\_ give customers a \_\_\_\_\_ massage as they \_\_\_\_\_ the dead skin. Can you believe that?

### ■ Integrated Practice

W: Hey, Mike. I heard your grandma got a new dog.

M: That's \_\_\_\_\_. She now \_\_\_\_\_ a golden retriever.

W: \_\_\_\_\_ are beautiful dogs. \_\_\_\_\_ are very \_\_\_\_\_, too. Isn't \_\_\_\_\_ grandma too \_\_\_\_\_ to have a \_\_\_\_\_?

M: Actually, \_\_\_\_\_ say seniors, \_\_\_\_\_ my grandma, should \_\_\_\_\_ pets, like \_\_\_\_\_.

W: Really?

M: Yes, \_\_\_\_\_ make seniors \_\_\_\_\_ active, since they have \_\_\_\_\_ take their \_\_\_\_\_ out for walks. \_\_\_\_\_ is very good \_\_\_\_\_ older people.

W: That's \_\_\_\_\_. I heard \_\_\_\_\_ can add \_\_\_\_\_ to your life.

M: Dogs \_\_\_\_\_ also make \_\_\_\_\_ feel needed. \_\_\_\_\_ they have \_\_\_\_\_ take care of \_\_\_\_\_ pets, seniors \_\_\_\_\_ better \_\_\_\_\_ of themselves, too.

W: Oh, \_\_\_\_\_. I guess your grandma will live to be a hundred!

## Unit 8 The Height of Children

### ■ Listening

W: So we have read about how much children grow during different stages of their early lives. \_\_\_\_\_ is there a \_\_\_\_\_ for parents or \_\_\_\_\_ to predict or \_\_\_\_\_ exactly how \_\_\_\_\_ a child will \_\_\_\_\_? Actually, there is! \_\_\_\_\_ might guess \_\_\_\_\_ a good way \_\_\_\_\_ be to look \_\_\_\_\_ the child's \_\_\_\_\_. But boys don't \_\_\_\_\_ grow like \_\_\_\_\_ fathers, and girls don't \_\_\_\_\_ grow like their \_\_\_\_\_. Also, kids don't \_\_\_\_\_ grow to the \_\_\_\_\_ of their fathers' \_\_\_\_\_ mothers' heights. \_\_\_\_\_ is a better \_\_\_\_\_ to predict a \_\_\_\_\_ height. All a \_\_\_\_\_ has to \_\_\_\_\_ is to \_\_\_\_\_ at the \_\_\_\_\_ height when \_\_\_\_\_ or she is 2 \_\_\_\_\_ old. It seems \_\_\_\_\_ that a child's \_\_\_\_\_ at 2 can be \_\_\_\_\_ to his or \_\_\_\_\_ height at 18 or \_\_\_\_\_, but this method \_\_\_\_\_ to work the \_\_\_\_\_. You just double a child's height at 2, and that will be very close to the child's height as an adult.

### ■ Integrated Practice

M: The tallest person in my family is my older brother, Thomas. \_\_\_\_\_ is taller \_\_\_\_\_ my father and my \_\_\_\_\_. His height is \_\_\_\_\_ centimeters! Everyone \_\_\_\_\_ he should \_\_\_\_\_ a basketball \_\_\_\_\_, but my \_\_\_\_\_ doesn't like to \_\_\_\_\_ basketball. \_\_\_\_\_ likes to study. \_\_\_\_\_ is a student in \_\_\_\_\_ now.

W: The \_\_\_\_\_ person in our \_\_\_\_\_ is Cynthia. We had a \_\_\_\_\_ during sports day, \_\_\_\_\_ she won. She \_\_\_\_\_ all the \_\_\_\_\_ boys and \_\_\_\_\_ in our class. \_\_\_\_\_ is not the \_\_\_\_\_ person in our \_\_\_\_\_, but she is the \_\_\_\_\_ soccer player. \_\_\_\_\_ she is fast, \_\_\_\_\_ can play soccer \_\_\_\_\_ well.

M: The nicest \_\_\_\_\_ I know is \_\_\_\_\_ Aunt Martha. \_\_\_\_\_ always remembers \_\_\_\_\_ birthday. She also \_\_\_\_\_ a lot and \_\_\_\_\_ sends me \_\_\_\_\_ from the \_\_\_\_\_ she visits. \_\_\_\_\_ Martha is a \_\_\_\_\_. She usually \_\_\_\_\_ on kids' \_\_\_\_\_. I think most kids know that she is nice, so they like to have her as their dentist.

## Unit 9 The First Animal in Orbit

### ■ Listening

W: I think it's cool that people sent a dog into space.

M: I \_\_\_\_\_ it's terrible.

W: Why?

M: That \_\_\_\_\_ dog went \_\_\_\_\_ a lot of \_\_\_\_\_. To train \_\_\_\_\_ to sit in the \_\_\_\_\_, scientists put her \_\_\_\_\_ smaller and \_\_\_\_\_ cages.

W: Oh. \_\_\_\_\_ she have to \_\_\_\_\_ a lot of \_\_\_\_\_ in those cages?

M: Yes. \_\_\_\_\_ she was \_\_\_\_\_ a really \_\_\_\_\_ cage for almost \_\_\_\_\_ weeks! And \_\_\_\_\_ was just \_\_\_\_\_ of the terrible \_\_\_\_\_ she had to \_\_\_\_\_. She was also \_\_\_\_\_ near a lot of \_\_\_\_\_ machines for \_\_\_\_\_ days.

W: Well, it \_\_\_\_\_ be loud \_\_\_\_\_ a rocket. They \_\_\_\_\_ probably \_\_\_\_\_ to get her \_\_\_\_\_ to the noise.

M: Right, but \_\_\_\_\_ sure she \_\_\_\_\_ sleep properly with the \_\_\_\_\_ noises.

W: I guess it \_\_\_\_\_ hard for her. \_\_\_\_\_ through these \_\_\_\_\_ of her, people \_\_\_\_\_ what to \_\_\_\_\_ to make rockets \_\_\_\_\_ for people.

M: I \_\_\_\_\_ think it was \_\_\_\_\_ it. There are other ways to learn things like that.

### ■ Integrated Practice

W: In the past, scientists used animals in lab tests. \_\_\_\_\_ don't need \_\_\_\_\_ do \_\_\_\_\_ anymore. \_\_\_\_\_ days, scientists can \_\_\_\_\_ cells in the \_\_\_\_\_. These cells can \_\_\_\_\_ used to test \_\_\_\_\_ and products. Now \_\_\_\_\_ don't have \_\_\_\_\_ hurt rabbits by \_\_\_\_\_ chemicals in their \_\_\_\_\_ or ears. \_\_\_\_\_ also don't have to \_\_\_\_\_ rats by making \_\_\_\_\_ eat poisonous things. \_\_\_\_\_, scientists can \_\_\_\_\_ chemicals or poisonous \_\_\_\_\_ into cells and \_\_\_\_\_ what happens to the \_\_\_\_\_. Actually, scientists can \_\_\_\_\_ more information \_\_\_\_\_ tests with \_\_\_\_\_. Before, results \_\_\_\_\_ lab tests on \_\_\_\_\_ were not always \_\_\_\_\_ to understand. Now, lab tests with cells can give scientists very specific information.

## Unit 10 Computers

### ■ Listening

M: What do you know about the first computer?

W: The \_\_\_\_\_ computing machine, you \_\_\_\_\_?

M: Right, not the \_\_\_\_\_ ones. The \_\_\_\_\_ machine computer, I \_\_\_\_\_.

W: Well, I \_\_\_\_\_ that Charles \_\_\_\_\_ was the first person to \_\_\_\_\_ only think \_\_\_\_\_ it but also \_\_\_\_\_ a programmable computer.

M: Charles \_\_\_\_\_, really? I've \_\_\_\_\_ heard of him.

W: Well, he \_\_\_\_\_ have enough \_\_\_\_\_, so he never \_\_\_\_\_ built his \_\_\_\_\_ . His computer was \_\_\_\_\_ too expensive to \_\_\_\_\_.

M: What \_\_\_\_\_ it so expensive?

W: I \_\_\_\_\_ it was just \_\_\_\_\_ big. In his \_\_\_\_\_ design, his computer was \_\_\_\_\_-powered. It was \_\_\_\_\_ over thirty \_\_\_\_\_ long and ten \_\_\_\_\_ wide.

M: Thirty meters \_\_\_\_\_! That's the \_\_\_\_\_ of a blue \_\_\_\_\_. That's the biggest \_\_\_\_\_ on Earth!

W: Yes, his \_\_\_\_\_ certainly would \_\_\_\_\_ been very big. That's probably why it would have been too expensive to build.

### ■ Integrated Practice

1. M: My cell phone is like a small computer. \_\_\_\_\_ my cell phone, \_\_\_\_\_ can \_\_\_\_\_ many things \_\_\_\_\_ talking to \_\_\_\_\_. I can \_\_\_\_\_ TV on it \_\_\_\_\_ I'm on \_\_\_\_\_ bus. I can \_\_\_\_\_ my email and \_\_\_\_\_ the Net. I \_\_\_\_\_ even listen to \_\_\_\_\_ on it!

2. W: My car \_\_\_\_\_ a computer \_\_\_\_\_ in it. With \_\_\_\_\_ system, I \_\_\_\_\_ use GPS \_\_\_\_\_ look at maps. \_\_\_\_\_ can also \_\_\_\_\_ the temperature \_\_\_\_\_ my car. \_\_\_\_\_ I don't \_\_\_\_\_ have to \_\_\_\_\_ my car. I just \_\_\_\_\_ a button and it \_\_\_\_\_ on its own. \_\_\_\_\_ are a great \_\_\_\_\_!

3. M: My home \_\_\_\_\_ a small computer \_\_\_\_\_ for playing games. It's \_\_\_\_\_ a PlayStation. \_\_\_\_\_ my PlayStation, I \_\_\_\_\_ play all \_\_\_\_\_ of video games. My \_\_\_\_\_ is the RPG \_\_\_\_\_ games. But \_\_\_\_\_ not all. I \_\_\_\_\_ also watch movies and \_\_\_\_\_ to music on \_\_\_\_\_ PlayStation. It's a \_\_\_\_\_ smart machine.

## Unit 11 The Benefits of Trees

### ■ Listening

W: You know, John, I'd really like to do something to help the environment. \_\_\_\_\_ I don't know \_\_\_\_\_

M: Why don't \_\_\_\_\_ plant some \_\_\_\_\_?

W: That's a \_\_\_\_\_ idea, but \_\_\_\_\_ not much of a \_\_\_\_\_.

M: You should \_\_\_\_\_ out the website [www. treebenefits.com](http://www.treebenefits.com). \_\_\_\_\_ that site, \_\_\_\_\_ list all sorts of \_\_\_\_\_ that you \_\_\_\_\_ do.

W: Like \_\_\_\_\_?

M: Well, they tell \_\_\_\_\_ the best \_\_\_\_\_ of trees to \_\_\_\_\_ and \_\_\_\_\_ to plant them.

W: What trees \_\_\_\_\_ where? That's \_\_\_\_\_ useful information!

M: Right. And \_\_\_\_\_ also tell you \_\_\_\_\_ to take care \_\_\_\_\_ the trees after \_\_\_\_\_—how much \_\_\_\_\_ to give them \_\_\_\_\_ how to cut the \_\_\_\_\_.

W: Wow!

M: And \_\_\_\_\_ best part is, \_\_\_\_\_ you join \_\_\_\_\_ website, they'll \_\_\_\_\_ you ten free \_\_\_\_\_.

W: Ten free \_\_\_\_\_? That's great! I'm definitely going to visit the website.

### ■ Integrated Practice

W: Although trees and plants are mostly thought of as helpful in cleaning up outdoor pollution, they \_\_\_\_\_ be useful in other \_\_\_\_\_ as well. \_\_\_\_\_ are actually \_\_\_\_\_ to help reduce \_\_\_\_\_ pollution. Unclean \_\_\_\_\_ can be a \_\_\_\_\_ in many big \_\_\_\_\_. Because \_\_\_\_\_ are a lot of \_\_\_\_\_ in the \_\_\_\_\_ place, the \_\_\_\_\_ in big buildings \_\_\_\_\_ unclean. And \_\_\_\_\_ air can't \_\_\_\_\_ in buildings easily. \_\_\_\_\_ can get sick. \_\_\_\_\_ what's a simple \_\_\_\_\_? Bring the \_\_\_\_\_ inside. Putting a \_\_\_\_\_ of plants in \_\_\_\_\_ gets \_\_\_\_\_ of the dirty air. \_\_\_\_\_ like outdoor \_\_\_\_\_, plants inside \_\_\_\_\_ CO2 out of the \_\_\_\_\_ and give \_\_\_\_\_ oxygen. But indoor \_\_\_\_\_ also remove \_\_\_\_\_ like smoke, \_\_\_\_\_, and bacteria \_\_\_\_\_ the air. With plants in big buildings, people don't get sick as often.

## Unit 12 Ice in Africa

### ■ Listening

W: The glaciers in Africa are melting faster now than they were before! \_\_\_\_\_ me explain why. \_\_\_\_\_ weather in \_\_\_\_\_ places is changing. \_\_\_\_\_ Africa, there \_\_\_\_\_ not been as \_\_\_\_\_ cloudy or rainy \_\_\_\_\_ as in the \_\_\_\_\_. With too \_\_\_\_\_ sunlight and not \_\_\_\_\_ rain or snow, \_\_\_\_\_ and more \_\_\_\_\_ melts on \_\_\_\_\_ glaciers in \_\_\_\_\_. Well, over \_\_\_\_\_ years, the \_\_\_\_\_ have changed \_\_\_\_\_. Imagine the \_\_\_\_\_ right after it \_\_\_\_\_. The snow \_\_\_\_\_ very white, \_\_\_\_\_? Then, the \_\_\_\_\_ day, as \_\_\_\_\_ snow melts, it is \_\_\_\_\_ because it's \_\_\_\_\_. The snow gets \_\_\_\_\_ with rocks and \_\_\_\_\_. The same \_\_\_\_\_ is \_\_\_\_\_ in Africa. As the \_\_\_\_\_ melt, the clean \_\_\_\_\_ snow melts \_\_\_\_\_, and the \_\_\_\_\_, dirty, \_\_\_\_\_ snow can be \_\_\_\_\_. What happens \_\_\_\_\_ sunlight hits \_\_\_\_\_ dark? The \_\_\_\_\_ thing gets \_\_\_\_\_! So, today the darker snow of Africa's glaciers gets hotter in sunlight and melts faster!

### ■ Integrated Practice

W1: In French, this glacier's name is Mer de Glace. \_\_\_\_\_ English, \_\_\_\_\_ means "sea \_\_\_\_\_ ice." It is the \_\_\_\_\_ glacier in \_\_\_\_\_, and it is \_\_\_\_\_ of the Alps mountain \_\_\_\_\_. The Mer de \_\_\_\_\_ is about 7 \_\_\_\_\_ long and \_\_\_\_\_ meters deep!

M: The Malaspina \_\_\_\_\_ in Alaska is \_\_\_\_\_ after an Italian \_\_\_\_\_. He explored \_\_\_\_\_ coast of \_\_\_\_\_ in the 1700s. \_\_\_\_\_ glacier is the \_\_\_\_\_ in the United \_\_\_\_\_. It is \_\_\_\_\_ than the \_\_\_\_\_ of Rhode Island. \_\_\_\_\_ it is \_\_\_\_\_ in the largest \_\_\_\_\_ park in the \_\_\_\_\_ States.

W2: The \_\_\_\_\_ of the Siachen \_\_\_\_\_ in English \_\_\_\_\_ be "the \_\_\_\_\_ of roses." But \_\_\_\_\_ roses grow in \_\_\_\_\_ high, cold \_\_\_\_\_ of the \_\_\_\_\_ Mountains. Maybe the \_\_\_\_\_ got its \_\_\_\_\_ from the many \_\_\_\_\_ that grow on the \_\_\_\_\_ below it. The \_\_\_\_\_ Glacier is the \_\_\_\_\_ largest glacier \_\_\_\_\_ is not near \_\_\_\_\_ the North or \_\_\_\_\_ Pole.

## Unit 13 The World's Worst Job?

### ■ Listening

M: What are you reading?

W: An \_\_\_\_\_ novel. All \_\_\_\_\_ this guy \_\_\_\_\_ finds old \_\_\_\_\_, shipwrecks and \_\_\_\_\_.

M: Is it \_\_\_\_\_? Who \_\_\_\_\_ it?

W: It's not \_\_\_\_\_. It was \_\_\_\_\_ by Clive Cussler.

M: Clive Cussler? \_\_\_\_\_ written quite a \_\_\_\_\_ adventure novels, right?

W: \_\_\_\_\_. He's pretty \_\_\_\_\_. But have \_\_\_\_\_ heard about his \_\_\_\_\_ prior to \_\_\_\_\_ a writer?

M: No, \_\_\_\_\_ did he do \_\_\_\_\_?

W: He was a \_\_\_\_\_ diver, actually. \_\_\_\_\_ worked at a \_\_\_\_\_ shop, selling \_\_\_\_\_ equipment and \_\_\_\_\_ people how to \_\_\_\_\_ dive.

M: Wow, \_\_\_\_\_ different from \_\_\_\_\_ novels! He is \_\_\_\_\_ of the \_\_\_\_\_ of Carlos Barrios.

W: How \_\_\_\_\_?

M: Well, Carlos \_\_\_\_\_ to have a \_\_\_\_\_ job as an \_\_\_\_\_, helping \_\_\_\_\_ with their \_\_\_\_\_. Now, he is a \_\_\_\_\_ diver who \_\_\_\_\_ sewers.

W: Clive \_\_\_\_\_ is pretty \_\_\_\_\_. Even though he's not a scuba diver anymore, he still funds divers to find shipwrecks and other old sites.

### ■ Integrated Practice

M: People often think of Gandhi as a fighter against the British and against the social system. \_\_\_\_\_ is how he \_\_\_\_\_ when he \_\_\_\_\_ older. Few \_\_\_\_\_ know or \_\_\_\_\_ that Gandhi \_\_\_\_\_ to school in \_\_\_\_\_. He \_\_\_\_\_ law at \_\_\_\_\_ College in London. \_\_\_\_\_ that time, \_\_\_\_\_ was not \_\_\_\_\_ the British. He \_\_\_\_\_ feel \_\_\_\_\_ life in \_\_\_\_\_ was unfair either. He \_\_\_\_\_ young. He \_\_\_\_\_ his opinions years \_\_\_\_\_ when he \_\_\_\_\_ in South Africa. \_\_\_\_\_, Gandhi \_\_\_\_\_ and saw a \_\_\_\_\_ of unfairness. This \_\_\_\_\_ him think \_\_\_\_\_ things in his own \_\_\_\_\_. While Gandhi was in South Africa, he realized how unfair life was in India.

## Unit 14 A “Must See” of India

### ■ Listening

B: I have a question, Ms. Kaur. \_\_\_\_\_ said that \_\_\_\_\_ worship in the \_\_\_\_\_ Temple, but I don't know \_\_\_\_\_ a Sikh is. Are \_\_\_\_\_ like Muslims or \_\_\_\_\_ or something?

W: Well, \_\_\_\_\_ do not \_\_\_\_\_ they are \_\_\_\_\_ of the Muslim or \_\_\_\_\_ religion. But to \_\_\_\_\_ who are not \_\_\_\_\_, it may \_\_\_\_\_ like there are \_\_\_\_\_ similarities \_\_\_\_\_ those religions.

B: The \_\_\_\_\_ religion has \_\_\_\_\_ of different \_\_\_\_\_, right?

W: That is \_\_\_\_\_. But Sikhs \_\_\_\_\_ in only one \_\_\_\_\_. They have a \_\_\_\_\_ name for \_\_\_\_\_. The name \_\_\_\_\_ into English \_\_\_\_\_ “supreme teacher.”

B: That \_\_\_\_\_ a little \_\_\_\_\_ the Muslim \_\_\_\_\_. They \_\_\_\_\_ in one God. \_\_\_\_\_ are Sikhs like \_\_\_\_\_?

W: Sikhs \_\_\_\_\_ that people \_\_\_\_\_ being born \_\_\_\_\_ after they \_\_\_\_\_ until they \_\_\_\_\_ full understanding of \_\_\_\_\_. Hindus \_\_\_\_\_ something similar \_\_\_\_\_ that. However, \_\_\_\_\_ also believe \_\_\_\_\_ when a person \_\_\_\_\_, he or \_\_\_\_\_ can be born \_\_\_\_\_ as an animal or \_\_\_\_\_ not human. Sikhs believe people are always born again as people.

### ■ Integrated Practice

W1: This city is home to more than 8 million people. There \_\_\_\_\_ a giant \_\_\_\_\_ there called \_\_\_\_\_ Park. Many \_\_\_\_\_ visit this \_\_\_\_\_ to see the \_\_\_\_\_ of Liberty \_\_\_\_\_ the Empire \_\_\_\_\_ Building. Some people \_\_\_\_\_ this city “\_\_\_\_\_ Big Apple.” It's \_\_\_\_\_ York City!

M: About 4 \_\_\_\_\_ people \_\_\_\_\_ in or \_\_\_\_\_ this big city. \_\_\_\_\_ is a very \_\_\_\_\_ opera house \_\_\_\_\_. People \_\_\_\_\_ all over the \_\_\_\_\_ live in this \_\_\_\_\_. In fact, \_\_\_\_\_ can hear \_\_\_\_\_ speaking over \_\_\_\_\_ different \_\_\_\_\_ in this city. \_\_\_\_\_ people call it “the \_\_\_\_\_ City.” It's Sydney!

W2: This \_\_\_\_\_ by the sea is \_\_\_\_\_ to almost 7 \_\_\_\_\_ people. From \_\_\_\_\_ Peak, \_\_\_\_\_ can look down \_\_\_\_\_ the city. The \_\_\_\_\_ is wonderful \_\_\_\_\_ during the \_\_\_\_\_ and at \_\_\_\_\_. Many \_\_\_\_\_ also enjoy \_\_\_\_\_ the famous \_\_\_\_\_ markets in \_\_\_\_\_ city. Some \_\_\_\_\_ call this \_\_\_\_\_ “the Pearl of the \_\_\_\_\_.” It's Hong Kong!

## Unit 15 Catching Men's Eyes

### ■ Listening

M: Young men don't watch that much TV. \_\_\_\_\_ because \_\_\_\_\_ shows are \_\_\_\_\_ to interest children or \_\_\_\_\_. Actually, people \_\_\_\_\_ make TV shows \_\_\_\_\_ what young \_\_\_\_\_ want to see. \_\_\_\_\_ want to \_\_\_\_\_ the same \_\_\_\_\_ of things \_\_\_\_\_ people can see \_\_\_\_\_ adult movies! \_\_\_\_\_ can't show \_\_\_\_\_ kinds of \_\_\_\_\_ on TV! Or, \_\_\_\_\_ least, you \_\_\_\_\_ show \_\_\_\_\_ on regular \_\_\_\_\_. The \_\_\_\_\_ won't \_\_\_\_\_ it. You \_\_\_\_\_ show them on \_\_\_\_\_ TV or pay-per-view \_\_\_\_\_ TV. So that is why cable and satellite stations have larger young male audiences than regular TV stations.

### ■ Integrated Practice

M: What was so special about Burma-Shave's ads? \_\_\_\_\_ is what \_\_\_\_\_ did for each \_\_\_\_\_. They took 4 \_\_\_\_\_ 5 small \_\_\_\_\_ signs and \_\_\_\_\_ white letters \_\_\_\_\_ them. Each \_\_\_\_\_ had part \_\_\_\_\_ a short \_\_\_\_\_ on it. \_\_\_\_\_ put the \_\_\_\_\_ along a \_\_\_\_\_ with about \_\_\_\_\_ meters \_\_\_\_\_ each sign. For \_\_\_\_\_, a driver \_\_\_\_\_ first see: \_\_\_\_\_ YOU DON'T \_\_\_\_\_. Then, \_\_\_\_\_ a little further: \_\_\_\_\_ SIGNS THESE \_\_\_\_\_. A little \_\_\_\_\_ still: YOU \_\_\_\_\_ HAVE DRIVEN. \_\_\_\_\_ further: \_\_\_\_\_ FAR. Finally: \_\_\_\_\_ - Shave. The \_\_\_\_\_ sign always \_\_\_\_\_ Burma-\_\_\_\_\_. Between 1925 and 1963, the company made more than 600 different little poems like this.

## Unit 16 Seeing Red

### ■ Listening

W: How'd you do on the math test?

M: Not \_\_\_\_\_ well. I \_\_\_\_\_ it's because the \_\_\_\_\_ was \_\_\_\_\_ a red shirt.

W: What? \_\_\_\_\_ didn't \_\_\_\_\_ well \_\_\_\_\_ of your teacher's \_\_\_\_\_ color? Come on!

M: It's \_\_\_\_\_! Some researchers in \_\_\_\_\_ found that if \_\_\_\_\_ see \_\_\_\_\_ before taking a \_\_\_\_\_, they do \_\_\_\_\_.

W: Really? \_\_\_\_\_ athletes \_\_\_\_\_ wear red \_\_\_\_\_ an advantage!

M: I \_\_\_\_\_. Maybe because \_\_\_\_\_ opponents see \_\_\_\_\_? Anyway, \_\_\_\_\_ who saw \_\_\_\_\_ did worse on \_\_\_\_\_ tests \_\_\_\_\_ big exams.

W: Did \_\_\_\_\_ researchers \_\_\_\_\_ why red \_\_\_\_\_ lower \_\_\_\_\_ on tests?

M: They \_\_\_\_\_ it's \_\_\_\_\_ we connect \_\_\_\_\_ with mistakes. \_\_\_\_\_ know, the \_\_\_\_\_ always marks \_\_\_\_\_ exams with \_\_\_\_\_ ink, right?

W: Right. So, \_\_\_\_\_ red ink \_\_\_\_\_ us think of \_\_\_\_\_? Maybe that's \_\_\_\_\_ my English teacher \_\_\_\_\_ things on my \_\_\_\_\_ using blue ink.

M: Hm. \_\_\_\_\_ blue makes \_\_\_\_\_ think of \_\_\_\_\_ or helpful \_\_\_\_\_. But red \_\_\_\_\_ us \_\_\_\_\_ of failure. So, \_\_\_\_\_ can make \_\_\_\_\_ feel less \_\_\_\_\_ and do \_\_\_\_\_ on exams.

W: I see!

### ■ Integrated Practice

W1: I heard that the color red can make people feel hungrier. \_\_\_\_\_ with the \_\_\_\_\_ yellow, red \_\_\_\_\_ increases your \_\_\_\_\_. Maybe \_\_\_\_\_ why many \_\_\_\_\_ restaurants \_\_\_\_\_ the colors \_\_\_\_\_ and yellow. The \_\_\_\_\_, chairs, and \_\_\_\_\_ in some fast-food \_\_\_\_\_ are these \_\_\_\_\_. The idea \_\_\_\_\_ to make \_\_\_\_\_ hungry and \_\_\_\_\_ quickly.

M: People say \_\_\_\_\_ the color \_\_\_\_\_ relaxes you. \_\_\_\_\_ fact, one \_\_\_\_\_ team painted \_\_\_\_\_ visitors' changing \_\_\_\_\_ pink. They \_\_\_\_\_ that the \_\_\_\_\_ team would \_\_\_\_\_ energy \_\_\_\_\_ the match. And, \_\_\_\_\_, this would \_\_\_\_\_ the other \_\_\_\_\_ to lose. I \_\_\_\_\_ how the \_\_\_\_\_ felt when \_\_\_\_\_ walked \_\_\_\_\_ that pink \_\_\_\_\_ room.

W2: The color \_\_\_\_\_ makes people \_\_\_\_\_ calm. Most \_\_\_\_\_ also think \_\_\_\_\_ winter and \_\_\_\_\_ when they see this \_\_\_\_\_. No matter \_\_\_\_\_ hot or \_\_\_\_\_ it is, people feel \_\_\_\_\_ in blue rooms. If \_\_\_\_\_ live in a \_\_\_\_\_ place, this \_\_\_\_\_ be a good \_\_\_\_\_ to paint your \_\_\_\_\_. It would help you stay cool.

## Unit 17 People with Super Taste

### ■ Listening

W: I wonder if I'm a super-taster.

M: I \_\_\_\_\_ an easy \_\_\_\_\_ you can find \_\_\_\_\_.

W: Really? \_\_\_\_\_?

M: I can \_\_\_\_\_ the taste \_\_\_\_\_ on a 1 cm \_\_\_\_\_ of your \_\_\_\_\_.

Or you \_\_\_\_\_ do it \_\_\_\_\_ by looking in a \_\_\_\_\_.

W: But it's \_\_\_\_\_ of hard to \_\_\_\_\_ each little \_\_\_\_\_ bud.

M: Yeah, they \_\_\_\_\_ hard to see \_\_\_\_\_ they're so small. \_\_\_\_\_ if you \_\_\_\_\_ your tongue \_\_\_\_\_, it'll be easier to \_\_\_\_\_ them.

W: Color \_\_\_\_\_ tongue blue!?!

M: Don't \_\_\_\_\_. It doesn't \_\_\_\_\_ bad or \_\_\_\_\_. Just take \_\_\_\_\_ blue food \_\_\_\_\_ and \_\_\_\_\_ a little on the \_\_\_\_\_ of your tongue. \_\_\_\_\_ rub your tongue \_\_\_\_\_ inside your \_\_\_\_\_. That will make your \_\_\_\_\_ tongue blue. \_\_\_\_\_ you can more \_\_\_\_\_ see your \_\_\_\_\_ buds when \_\_\_\_\_ try to count them.

W: But \_\_\_\_\_ my mouth \_\_\_\_\_ be all \_\_\_\_\_ for a while. I'm not sure I want to find out if I'm a super-taster that badly.

### ■ Integrated Practice

M: More than one scientist was involved in the chocolate and coffee studies. \_\_\_\_\_ fact, one of \_\_\_\_\_ men \_\_\_\_\_ two roles. \_\_\_\_\_ was both a \_\_\_\_\_ and a \_\_\_\_\_. The man \_\_\_\_\_ how coffee affects the \_\_\_\_\_, while his \_\_\_\_\_ was studied to \_\_\_\_\_ the effects of \_\_\_\_\_ chocolate. The \_\_\_\_\_ didn't enjoy \_\_\_\_\_. He didn't \_\_\_\_\_ the dark \_\_\_\_\_ at all. It was \_\_\_\_\_. Like most people, \_\_\_\_\_ prefers milk \_\_\_\_\_. But this \_\_\_\_\_ to say that \_\_\_\_\_ hates \_\_\_\_\_ bitter things. \_\_\_\_\_ same man loves \_\_\_\_\_. Actually, he \_\_\_\_\_ not very happy \_\_\_\_\_ the results of the \_\_\_\_\_. He was disappointed to learn that regular coffee is bad for people.

## Unit 18 Faster than . . . ?

## ■ Listening

M: When they studied the power of martial arts experts, researchers found interesting results regarding different kinds of punches. \_\_\_\_\_ compared the \_\_\_\_\_ of various \_\_\_\_\_ arts. First, they \_\_\_\_\_ at the \_\_\_\_\_ of the \_\_\_\_\_. They \_\_\_\_\_ that, \_\_\_\_\_ all the \_\_\_\_\_, the boxing \_\_\_\_\_ had the \_\_\_\_\_ punch. In \_\_\_\_\_, the boxer's \_\_\_\_\_ had a \_\_\_\_\_ of about 1,000 \_\_\_\_\_ or around \_\_\_\_\_ kilograms. That's \_\_\_\_\_ same as \_\_\_\_\_ someone in the \_\_\_\_\_ with a \_\_\_\_\_! However, \_\_\_\_\_ the researchers \_\_\_\_\_ at the \_\_\_\_\_ of the punches, \_\_\_\_\_ found that the \_\_\_\_\_ fu expert \_\_\_\_\_ the fastest. \_\_\_\_\_ kung fu \_\_\_\_\_ was four \_\_\_\_\_ faster than any \_\_\_\_\_ attack! The \_\_\_\_\_ think this \_\_\_\_\_ that no type of \_\_\_\_\_ sport is \_\_\_\_\_ than any other. Each type has its own strength.

## ■ Integrated Practice

M1: Thai boxers have amazingly powerful knee kicks. \_\_\_\_\_ are not so \_\_\_\_\_ kicks as \_\_\_\_\_ are ways to \_\_\_\_\_ a target \_\_\_\_\_ your knee. The \_\_\_\_\_ of the \_\_\_\_\_ kick is \_\_\_\_\_ to the \_\_\_\_\_ of a car \_\_\_\_\_ at 55 kilometers an \_\_\_\_\_. Or, in \_\_\_\_\_ per hour, that \_\_\_\_\_ be 35 miles an \_\_\_\_\_.

W: \_\_\_\_\_ also has a \_\_\_\_\_ of powerful \_\_\_\_\_. The kung fu \_\_\_\_\_ double kick is \_\_\_\_\_ powerful. It \_\_\_\_\_ about \_\_\_\_\_ pounds or \_\_\_\_\_ than 450 \_\_\_\_\_ of force. That's \_\_\_\_\_ the same force as \_\_\_\_\_ hit by a \_\_\_\_\_.

M2: Taekwondo is \_\_\_\_\_ martial \_\_\_\_\_ that has \_\_\_\_\_ kicks. One \_\_\_\_\_ of kick is the \_\_\_\_\_ back kick. With \_\_\_\_\_ kick, you \_\_\_\_\_ a target \_\_\_\_\_ the heel of \_\_\_\_\_ foot. This kick \_\_\_\_\_ more \_\_\_\_\_ 1,500 pounds or 680 \_\_\_\_\_ of force. That's \_\_\_\_\_ being hit by a fully grown charging bull!

## Unit 19 Thanks to . . .

## ■ Listening

W: Materials can change the way people live. \_\_\_\_\_ can do \_\_\_\_\_ make different \_\_\_\_\_ depending on the \_\_\_\_\_ available. \_\_\_\_\_ are very \_\_\_\_\_ in this. \_\_\_\_\_ allow us to \_\_\_\_\_ metals with \_\_\_\_\_ qualities. \_\_\_\_\_ example, one \_\_\_\_\_ alloy mixes \_\_\_\_\_ and copper. By \_\_\_\_\_ only 4% \_\_\_\_\_, the aluminum \_\_\_\_\_ becomes 50 to \_\_\_\_\_ times stronger. \_\_\_\_\_ use this alloy to \_\_\_\_\_ our teeth. \_\_\_\_\_ is also \_\_\_\_\_ famous alloy that \_\_\_\_\_ copper. This \_\_\_\_\_ is bronze. Bronze is a \_\_\_\_\_ of copper \_\_\_\_\_ tin. Bronze was \_\_\_\_\_ used \_\_\_\_\_ ago. In ancient Rome, soldiers used this alloy to protect themselves.

## ■ Integrated Practice

W: Hey, Mark. What are you looking at?

M: \_\_\_\_\_ information \_\_\_\_\_ the university. I \_\_\_\_\_ I want to \_\_\_\_\_ a biologist.

W: A \_\_\_\_\_? Why?

M: Well, \_\_\_\_\_ do important \_\_\_\_\_, like helping to \_\_\_\_\_ environmental problems.

W: \_\_\_\_\_ don't you \_\_\_\_\_ a materials \_\_\_\_\_ instead? They do \_\_\_\_\_ important stuff.

M: What? \_\_\_\_\_ boring! I don't \_\_\_\_\_ to make soft \_\_\_\_\_ cans or airplane \_\_\_\_\_ . I want to \_\_\_\_\_ make the world \_\_\_\_\_ .

W: They do \_\_\_\_\_ the world \_\_\_\_\_. They make \_\_\_\_\_ materials to \_\_\_\_\_ global warming. \_\_\_\_\_ new materials use \_\_\_\_\_ energy and so \_\_\_\_\_ the environment.

M: Really?

W: \_\_\_\_\_. And some \_\_\_\_\_ scientists take \_\_\_\_\_ in medical \_\_\_\_\_. They make \_\_\_\_\_-fighting materials.

M: I \_\_\_\_\_ realize materials \_\_\_\_\_ do those things. That sounds exactly like what I want to do.

## Unit 20 Free Programs?

### ■ Listening

M: Hey, where did you get that new game on your computer?

W: \_\_\_\_\_ got it \_\_\_\_\_ for free. It's \_\_\_\_\_ of those shareware \_\_\_\_\_.

M: Oh. I \_\_\_\_\_ download any of \_\_\_\_\_ freeware or shareware \_\_\_\_\_ on my computer.

W: Why not? \_\_\_\_\_ a good \_\_\_\_\_ to see if a \_\_\_\_\_ is too easy or \_\_\_\_\_ hard before \_\_\_\_\_ buy it. And \_\_\_\_\_ good \_\_\_\_\_ about \_\_\_\_\_ is that \_\_\_\_\_ can play \_\_\_\_\_ as much as \_\_\_\_\_ want for \_\_\_\_\_ days. So if \_\_\_\_\_ get \_\_\_\_\_ with a \_\_\_\_\_ after a \_\_\_\_\_ of days, \_\_\_\_\_ didn't waste your \_\_\_\_\_ buying it.

M: Yeah, \_\_\_\_\_ are good \_\_\_\_\_, but lots of \_\_\_\_\_ shareware \_\_\_\_\_ have \_\_\_\_\_ in them.

W: \_\_\_\_\_ is adware?

M: \_\_\_\_\_ is a program \_\_\_\_\_ makes those \_\_\_\_\_ pop-up ads \_\_\_\_\_ up on your \_\_\_\_\_.

W: Oh! \_\_\_\_\_, I hate \_\_\_\_\_ pop-ups. \_\_\_\_\_ come up on \_\_\_\_\_ computer a lot.

M: See! \_\_\_\_\_ of your \_\_\_\_\_ games must \_\_\_\_\_ had adware in it.

### ■ Integrated Practice

W1: When I download music, I use a website called iSinger. Each \_\_\_\_\_ costs one \_\_\_\_\_. I know there \_\_\_\_\_ cheaper websites, \_\_\_\_\_ not all of \_\_\_\_\_ cheaper \_\_\_\_\_ are legal. \_\_\_\_\_ is why I \_\_\_\_\_ to \_\_\_\_\_ songs from \_\_\_\_\_, even if it is a \_\_\_\_\_ more expensive.

M: I \_\_\_\_\_ a great \_\_\_\_\_ where \_\_\_\_\_ can download \_\_\_\_\_! At the \_\_\_\_\_, I just \_\_\_\_\_ a membership \_\_\_\_\_ once. Then I \_\_\_\_\_ download \_\_\_\_\_ the games that I \_\_\_\_\_! There is no \_\_\_\_\_, and I \_\_\_\_\_ have to \_\_\_\_\_ again! The \_\_\_\_\_ fee was \$\_\_\_\_\_. I think that's a great deal!

W2: I \_\_\_\_\_ this great \_\_\_\_\_ called \_\_\_\_\_ . com. There is \_\_\_\_\_ fee to \_\_\_\_\_ the website, \_\_\_\_\_ you can \_\_\_\_\_ the latest \_\_\_\_\_ from there. New \_\_\_\_\_ cost about \$\_\_\_\_\_ each. It \_\_\_\_\_ the same cost \_\_\_\_\_ a DVD, \_\_\_\_\_ I like downloading \_\_\_\_\_ rather than \_\_\_\_\_ DVDs. I \_\_\_\_\_ take my \_\_\_\_\_ anywhere and \_\_\_\_\_ a movie \_\_\_\_\_. You can't do that with a DVD player.