

Class

Name

Unit 1 – Robot Helpers

A. Fill in the blank with the correct word. Two words are not used.

challenges variety guided especially advance provide overcome

1. The therapist helped the man _____ his problems.
2. The dog _____ the blind woman across the street.
3. Richard experienced many _____ living in a foreign country.
4. I tried a _____ of snacks from different countries at the festival.
5. Veronica loves to reading, _____ fantasy books.

B. Match the sentences. Rewrite the sentences in order.

- | | | |
|----------------------------------|---|------------------------------------|
| 1. Robots provide | • | • fun interactions. |
| 2. They can also | • | • important body motions. |
| 3. Some people need | • | • person's movement. |
| 4. Robots are able to guide a | • | • to overcome physical challenges. |
| 5. They can help people practice | • | • teach valuable lessons. |

Questions continue next page

C. Read the following passage and choose the correct answers.

① Some robots can move and talk a little like people. ② But robots can teach valuable lessons, too. ③ They can guide a person's movements to help them overcome physical challenges. They can help that person learn important body motions. Some people have difficulties with social skills and speech. Robots can help them practice.

1. What is the passage mainly about?
 - a. Robots can learn from people.
 - b. Robots can help people.
 - c. Robots can work for people.
2. What can robots do for people who have a hard time meeting other people?
 - a. They can practice together.
 - b. They can meet new people.
 - c. They can play easy games.
3. What is the best place for the sentence below?

They provide fun interactions.

- a. ① b. ② c. ③
4. Which is NOT true according to the passage?
 - a. Some robots have difficulties with social skills.
 - b. People can have fun with robots.
 - c. Some robots act like people.
 5. What does speech mean in the passage?
 - a. Seeing
 - b. Touching
 - c. Speaking

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Unit 2 – Confidence Through Volunteering

A. Fill in the blank with the correct word. Two words are not used.

wonderful crisis organized stranger extra rewarding library

1. Do you have a(n) _____ pencil I could borrow?
2. The company is dealing with a serious _____.
3. My school _____ a concert to raise money for earthquake victims.
4. The singer has a(n) _____ voice.
5. I prefer to study at the _____ because it is quiet.

B. Unscramble the sentences. Rewrite the sentences in order.

1. have / your day? / time in / you / Do / extra
2. will / great about / You / others. / feel / helping
3. feel more / help / confident. / strangers / who / Teens
4. they / about / feel / themselves. / better / That means
5. your time / about ways / Think / give / to others. / you can

Questions continue next page

C. Read the following passage and choose the correct answers.

Volunteering is more rewarding for teens because it is more challenging. ① You must meet and talk with people you don't know. ② You may also learn new skills. This builds confidence. Volunteering can also make you feel satisfied. You have to work hard, but you are doing very good things. It only takes a few extra hours a week to volunteer. Reading to elderly people, putting away food in a crisis center, and organizing books in the library are just a few ideas. You will feel wonderful about helping others. ③

1. What is the passage mainly about?
 - a. Helping people takes a lot of time.
 - b. The best reason to volunteer is to talk to people.
 - c. Volunteering makes people feel good.
2. What is one way to volunteer presented in the reading?
 - a. Work at a hospital
 - b. Help at a crisis center
 - c. Teach orphans how to read
3. What is the best place for the sentence below?

You will also feel great about yourself.

- a. ①
 - b. ②
 - c. ③
4. Which is NOT true according to the passage?
 - a. You have to be good at meeting new people to volunteer.
 - b. You can learn new skills by volunteering.
 - c. You only need a few extra hours a week to volunteer.
5. What does satisfied mean in the passage?
 - a. Trying more
 - b. Being difficult
 - c. Feeling happy

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Unit 3 – A National Hero

A. Fill in the blank with the correct word(s). Two words are not used.

national although grows up knees so far in memory of let

1. Linda wants to be an accountant when she _____.
2. I have raised \$550 _____.
3. He fell to his _____ when he found out he won the lottery.
4. Independence Day is a _____ holiday in the United States.
5. My parents _____ me go to New York.

B. Match the sentences. Rewrite the sentences in order.

- | | | |
|---------------------------------|---|------------------------------------|
| 1. Terry went to a | • | • cut of Terry's right leg. |
| 2. The doctors had to | • | • met other young cancer patients. |
| 3. While in the hospital, Terry | • | • the Terry Fox Run once a year. |
| 4. He decided to raise | • | • doctor and got terrible news. |
| 5. People around the world do | • | • money for cancer research. |

Questions continue next page

C. Read the following passage and choose the correct answers.

Terry started his Marathon of Hope on April 12th, 1980. ① Unfortunately, after 143 days and 5,373 kilometers, Terry had to quit. His cancer had come back. Terry Fox died a few months later at the age of 22. ② Although Terry never finished his Marathon of Hope, he inspired many people. Now, once a year, people around the world do the Terry Fox Run. They run in memory of this Canadian national hero and continue to raise money for cancer research. ③

1. What is the passage mainly about?
 - a. A man who started cancer research
 - b. A man who likes to run in Canada
 - c. A man who raised money for cancer
2. Why is Terry Fox a national hero?
 - a. He taught children how to run.
 - b. He has inspired many people.
 - c. He finished the Marathon of Hope.
3. What is the best place for the sentence below?

So far, more than \$400 million has been raised thanks to Terry Fox.

- a. ① b. ② c. ③
4. Which is NOT true according to the passage?
 - a. Terry Fox overcame cancer.
 - b. Terry Fox raised money for cancer.
 - c. Terry Fox had to quit because the cancer came back.
 5. What does quit mean in the passage?
 - a. To stop
 - b. To think
 - c. To start

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Unit 4 – The Boy Who Grew His Hair

A. Fill in the blank with the correct word. Two words are not used.

rare optimistic criticism generous haircut donated battle

1. The _____ man gave \$10,000 to a charity.
2. My hair is too long. It's time to get a(n) _____.
3. Jim _____ his old books to the library.
4. Karen is _____ about going to a good school.
5. This _____ picture has never been seen before.

B. Unscramble the sentences. Rewrite the sentences in order.

1. kids / some / Vinny / cancer. / get / found out
2. their hair / lose / medicine. / their / They / because of
3. to / Vinny / hair. / donate / decided / his
4. hair / He / his / shoulders. / grew / below his
5. his hair. / two years, / he / cut / After

Questions continue next page

C. Read the following passage and choose the correct answers.

A few weeks after Vinny donated his hair to children with cancer, doctors discovered that he had a rare bone cancer. ① Vinny took medicine that made his hair fall out. It was difficult, but Vinny was brave and never stopped smiling. He was right to be optimistic. ② Today, the generous boy who donated his hair is healthy again. ③ Now he helps raise money for research on children's cancers.

1. What is the passage mainly about?
 - a. Medicine that makes hair fall out.
 - b. A rare bone cancer
 - c. A boy who donated his hair to charity
2. What does Vinny do now?
 - a. He is fighting a battle against his cancer.
 - b. He teaches people about rare bone cancers.
 - c. He helps raise money for cancer research.
3. What is the best place for the sentence below?

Now he had to fight his own battle against the disease.

- a. ① b. ② c. ③
4. Which is NOT true according to the passage?
 - a. Vinny got an unusual kind of cancer.
 - b. Vinny was upset when he was sick.
 - c. Vinny got sick after he donated his hair.
 5. What does brave mean in the passage?
 - a. Interested
 - b. Not scared
 - c. Young

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Unit 5 – How to Be a Writer

A. Fill in the blank with the correct word. Two words are not used.

explore notice daily opportunity original freedom publish

1. Andrew wants to _____ his own book series.
2. The teacher likes my _____ idea.
3. My grandmother is doing her _____ exercises.
4. Let's go _____ the new park.
5. Traveling is a great _____ to learn about other cultures.

B. Match the sentences. Rewrite the sentences in order.

- | | | |
|---------------------------------------|---|--|
| 1. Before the internet, it was harder | • | • need is a blog. |
| 2. Today, all they | • | • their skills and build a career. |
| 3. Blogs are a good way for | • | • for young writers to publish their work. |
| 4. Writers can also improve | • | • freedom for writers. |
| 5. Blogs provide | • | • writers to share their ideas. |

Questions continue next page

C. Read the following passage and choose the correct answers.

① Bloggers can write about anything they choose. ② Some just write about their daily lives. Blogs let writers write about their passions. Also, blogs can help improve a writer's work. ③ There are millions of blogs online. To succeed, the writing must be interesting and original. This will help a blogger attract readers. Bloggers can get feedback from readers and other writers. That way, their writing gets better and better.

1. What is the passage mainly about?
 - a. How to write a blog
 - b. What bloggers do
 - c. Why blogs are fun
2. What can bloggers get from readers and writers?
 - a. They can get feedback.
 - b. They can get money.
 - c. They can get books.
3. What is the best place for the sentence below?

Many write about their hobbies or travels.

- a. ① b. ② c. ③
4. Which is NOT true according to the passage?
 - a. Blogs can help writers get better.
 - b. There are not many blogs on the internet.
 - c. Interesting blogs attract readers.
 5. What does passion mean in the passage?
 - a. Work
 - b. Study
 - c. Interest

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Unit 6 – The Time Machine

A. Fill in the blank with the correct word. Two words are not used.

insisted underground quite adventure science fiction peaceful entertain

1. Wombats are animals that live _____.
2. My grandmother _____ we stay for dinner.
3. Steve went to Thailand to look for _____.
4. Julie was _____ happy to see a childhood friend.
5. I just want to live a(n) _____ life in the countryside.

B. Unscramble the sentences. Rewrite the sentences in order.

1. a / famous / *The Time Machine* / book. / is / science fiction
2. man who / a creative / It is / a time machine. / builds / about
3. He / 800,000 / the future. / into / years / travels
4. different. / Earth / The / is / very / future
5. people / a peaceful / He / the Eloi. / called / meets

Questions continue next page

C. Read the following passage and choose the correct answers.

In *The Time Machine*, a man travels to the future. The people he meets call themselves the Eloi. The Eloi are a happy, simple, and peaceful people. They help him and give him food to eat. At first, he enjoys his visit to the future very much. ① The future Earth seems like paradise. ② He begins to look for it because he wants to go back to his own time. ③ While searching, he discovers a less friendly people called the Morlocks. They live underground, and they have taken his time machine. He has many adventures trying to get the machine back, and some of them are quite scary.

1. What is the passage mainly about?
 - a. A story about a man traveling to the future
 - b. The similarities between the Eloi and the Morlocks
 - c. How to build a time machine
2. What happens to the man's time machines?
 - a. He gives it to the Eloi.
 - b. The Morlock takes it.
 - c. It gets destroyed by the weather.
3. What is the best place for the sentence below?

But then he loses his time machine.

- a. ① b. ② c. ③
4. Which is NOT true according to the passage?
 - a. The Morlocks are not nice people.
 - b. The man likes the future at the beginning.
 - c. The Eloi live under the ground.
 5. What does discover mean in the passage?
 - a. To find
 - b. To hide
 - c. To catch

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Unit 7 – The Two Faces of Dr. Jekyll

A. Fill in the blank with the correct word. Two words are not used.

laboratory obviously suddenly hard-working evil violent personality

1. Everyone likes Ted because he has a great _____.
2. The baby _____ started crying very loudly.
3. The _____ man got an award for doing well at the company.
4. The scientist staying in the _____ all week.
5. They have similar facial features. They are _____ siblings.

B. Match the sentences. Rewrite the sentences in order.

- | | | | |
|----------------------------|---|---|---|
| 1. One night in 1884, | • | • | forget about his dream. |
| 2. It was about a good man | • | • | very famous short novel. |
| 3. Stevenson couldn't | • | • | who suddenly became evil. |
| 4. So he decided | • | • | to write it down into a story. |
| 5. Now it is a | • | • | Robert Louis Stevenson had a bad dream. |

Questions continue next page

C. Read the following passage and choose the correct answers.

In the story of *Strange Case of Dr. Jekyll and Mr. Hyde*, Dr. Jekyll is a nice, hard-working scientist. He is always doing research in his laboratory. He has a troublesome friend named Mr. Hyde. Hyde is dangerous and violent. ① But the story has a big surprise: Jekyll and Hyde are the same person! Dr. Jekyll has invented a special liquid. ② For a while, he enjoys being two different people. But then something goes wrong. ③ He cannot change back into Dr. Jekyll.

1. What is the passage mainly about?
 - a. A famous author
 - b. A story about a scientist
 - c. People's personalities
2. Who was Mr. Hyde?
 - a. A writer
 - b. Dr. Jekyll
 - c. A liquid
3. What is the best place for the sentence below?

When he drinks it, he becomes the dangerous Mr. Hyde.

- a. ① b. ② c. ③
4. Which is NOT true according to the passage?
 - a. Mr. Hyde had a good personality.
 - b. Dr. Jekyll drinks a special liquid.
 - c. The story has an interesting plot.
 5. What does research mean in the passage?
 - a. A match
 - b. A game
 - c. Study

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Unit 8 – The Real Robin Hood?

A. Fill in the blank with the correct word. Two words are not used.

hide hero real legend difference robbers fight

1. The movie is about a _____ story of a boy and his dog.
2. The _____ between the two boxes is that one is yellow and the other is green.
3. Sylvia likes to _____ candy under her bed.
4. The police caught the _____ and brought them to jail.
5. My parents get angry when I _____ with my sister.

B. Unscramble the sentences. Rewrite the sentences in order.

1. real / was a / person. / think / Some people / Robin Hood
2. that Robert Hood / match / Many things / about Robin Hood. / did / the stories
3. the stories. / everything about / matches / In contrast, not / life / Robert Hood's
4. interesting / Maid / One / Marian. / is / difference
5. woman / Robin Hood / a / Maid Marian. / named / loved

Questions continue next page

C. Read the following passage and choose the correct answers.

In the early 1300s, a man named Robert Hood lived in England. He joined a group to fight against the king, but the group lost. They then had to hide in the woods. For years, he was part of a group of robbers living in the forest. Maybe he was the hero that people now call Robin Hood. ① But not everything about Robert Hood's life matches the stories. ② In the stories, Robin Hood fell in love with a woman named Maid Marian. ③ In contrast, Robert was married long before he became a robber. His wife's name was Matilda.

1. What is the passage mainly about?
 - a. A hero who lived in the forest
 - b. Robin Hood might be Robert Hood
 - c. A famous group of robbers
2. What part of Robert's Hood life doesn't match the stories?
 - a. His wife's name was Matilda.
 - b. He was from England.
 - c. He was part of a group of robbers.
3. What is the best place for the sentence below?

One difference is Maid Marian.

- a. ① b. ② c. ③
4. Which is NOT true according to the passage?
 - a. Robin Hood loved Maid Marian.
 - b. Robert Hood fought against the king.
 - c. Robert Hood got married after he became a robber.
 5. What does match mean in the passage?
 - a. To be the same
 - b. To be about
 - c. To be different

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Unit 9 – Living Longer

A. Fill in the blank with the correct word. Two words are not used.

worldwide often average maximum close rise forever

1. This transportation company offers _____ deliveries.
2. The _____ speed on this street is 50 kilometers an hour.
3. The _____ score of the history test was 87 percent.
4. Jake was _____ to finishing his homework, but he suddenly fell asleep.
5. How _____ do you walk to school?

B. Match the sentences. Rewrite the sentences in order.

- | | | |
|---------------------------|---|--|
| 1. Humans have a | • | • live for as long as possible. |
| 2. They want to | • | • how people can live healthier, longer lives. |
| 3. This is why | • | • natural drive to survive. |
| 4. They want to know | • | • scientists study health and aging. |
| 5. Average lifespan means | • | • how long the average person will live. |

Questions continue next page

C. Read the following passage and choose the correct answers.

Lifespans in most countries are going up. Over the past century, medical advances have improved children's health. ① People of all ages get better medical care as well. Now the average lifespan for women is just over 72 years. ② For men, it is just over 68. Of course, some people live much longer than average. ③

1. What is the passage mainly about?
 - a. Women live longer than men.
 - b. Medical advances are important.
 - c. The average lifespan is getting longer.
2. Why has people's lifespans gone up?
 - a. Because of better medical care
 - b. Because some people live longer
 - c. Because men live until 68
3. What is the best place for the sentence below?

The oldest person in history lived to 123.

- a. ① b. ② c. ③
4. Which is NOT true according to the passage?
 - a. Some people live longer than the average lifespan.
 - b. The average lifespan of women is between 68 and 72.
 - c. Children's health has gotten better in the past century.
 5. What does century mean in the passage?
 - a. 10 years
 - b. 100 years
 - c. 1,000 years

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Unit 10 – People with Super Taste

A. Fill in the blank with the correct word. Two words are not used.

sensitive square grapefruit chemical tongue flavor study

1. The man is _____ to sunlight, so he stays inside.

2. My house is 650 _____ meters.

3. She hurt her _____ drinking hot tea.

4. Tim's favorite _____ of ice cream is vanilla.

5. I often eat a _____ breakfast.

B. Unscramble the sentences. Rewrite the sentences in order.

1. the taste / Taste buds / food. / us / of / tell

2. taste / people / a lot of / Some / buds. / have

3. have / people / Other / taste buds. / very many / do not

4. is to / count your / The / taste buds. / to find out / best way

5. how / have in one / many you / square centimeter. / count / You can

Questions continue next page

C. Read the following passage and choose the correct answers.

Super-tasters experience flavors more strongly than other people. They are also more sensitive to a certain bitter chemical. ① Foods such as grapefruit, chocolate, and coffee have a lot of this chemical. These foods are hard for super-tasters to eat. Medium-tasters do not mind eating such bitter foods, and non-tasters may not notice any bitter taste at all. ② About 35 percent of all women are super-tasters, while only 10 percent of men are. ③

1. What is the passage mainly about?
 - a. The number of taste buds on a tongue
 - b. People who can taste flavors strongly
 - c. Food that has a very bitter taste
2. What kind of food is hard to eat for super-tasters?
 - a. Sweet food
 - b. Bitter food
 - c. Hot food
3. What is the best place for the sentence below?

Interestingly, studies show that there are many more super-taster women than men.

- a. ① b. ② c. ③
4. Which is NOT true according to the passage?
 - a. Medium-tasters can eat grapefruit.
 - b. Coffee has a lot of bitter chemicals.
 - c. More women are non-tasters than men.
 5. What does bitter mean in the passage?
 - a. Unpleasant taste
 - b. Sweet smell
 - c. Cold feeling

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Unit 11 – Children’s Heights

A. Fill in the blank with the correct word. Two words are not used.

birth regular stage contrast growth stage last

1. Long movies can _____ up to three hours.
2. With _____ practice, you can get better at sports.
3. Today, we celebrate the _____ of my baby brother.
4. The _____ between black and white is quite obvious.
5. A tree’s _____ slows down after ten years.

B. Match the sentences. Rewrite the sentences in order.

- | | | |
|---------------------------|---|-----------------------------------|
| 1. Children start growing | • | • this growth period before boys. |
| 2. Most girls start | • | • 18 centimeters to their height. |
| 3. It starts between | • | • of life lasts two years. |
| 4. Most girls add | • | • faster again in middle school. |
| 5. On average, this stage | • | • the ages of 8 and 13 in girls. |

Questions continue next page

C. Read the following passage and choose the correct answers.

Most babies are about 50 centimeters at birth. Growth slows down during the second year of life, when most babies grow only 10 to 12 centimeters more. ① After the first year, growth becomes more regular. ② Between the ages of 2 and 9, most children grow about 6 centimeters per year. This growth may be faster during some months. ③ Typically, growth spurts happen more often in spring and summer than at other times of the year.

1. What is the passage mainly about?
 - a. The different stages of growth
 - b. The speed of a baby's growth
 - c. The causes of growth spurts
2. When does growth become more stable?
 - a. From 1 to 2
 - b. The second year
 - c. From 2 to 9
3. What is the best place for the sentence below?

These are called "growth spurts."

- a. ① b. ② c. ③
4. Which is NOT true according to the passage?
 - a. Growth spurts happen more in the spring and summer.
 - b. The speed of growth is slow throughout children's lives.
 - c. Children grow a lot during the first nine years of life.
 5. What does typically mean in the passage?
 - a. Always
 - b. Rarely
 - c. Usually

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Unit 12 – Your Powerful Lungs

A. Fill in the blank with the correct word(s). Two words are not used.

whistled alive responsible for equal upper giant powerful

1. The _____ horse pulled the heavy box.
2. The teacher is _____ teaching the students.
3. The two brothers are _____ in strength.
4. The famous restaurant is on the _____ floor.
5. The old man _____ as he walked around the store.

B. Unscramble the sentences. Rewrite the sentences in order.

1. are / organs. / lungs / The / important / body
2. Your / are / your / chest. / upper / in / lungs
3. size. / not / They / equal / in / are
4. than / smaller/ the / The left lung / is a little / right lung.
5. is smaller / The / to make room / the heart. / for / left lung

Questions continue next page

C. Read the following passage and choose the correct answers.

Many people think of the heart as the most important organ in the human body. ① They are responsible for putting oxygen into your blood. ② Without your lungs, your heart would not have any healthy blood to circulate. Your body needs air to keep all your organs healthy. ③ So you use your lungs to breathe and to survive. But you also use the air you breathe to do other things, like talk, sing, laugh, and whistle.

1. What is the passage mainly about?
 - a. Comparing the lungs and the heart
 - b. The importance of the lungs
 - c. How many lungs people have
2. What do the lungs do?
 - a. They put oxygen into the blood.
 - b. They circulate the blood.
 - c. They laugh and whistle.
3. What is the best place for the sentence below?

However, your lungs are equally important.

- a. ① b. ② c. ③
4. Which is NOT true according to the passage?
 - a. We use air to talk.
 - b. We use our lungs to breathe.
 - c. The lungs are more important than the heart.
 5. What does air mean in the passage?
 - a. Blood
 - b. Breath
 - c. Oxygen

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Unit 13 – Big Data and Math

A. Fill in the blank with the correct word. Two words are not used.

includes education trend expert statistics gather helpful

1. This website is very _____ for learning about the new program.
2. The lunch set _____ a soup, sandwich, and a fruit salad.
3. Please _____ everything off your desk and put it in your backpack.
4. Dr. Pemble is a(n) _____ on companies collecting data.
5. Some families move to other countries for their children's _____.

B. Match the sentences. Rewrite the sentences in order.

- | | | |
|---------------------------------------|---|-------------------------------|
| 1. Collecting big data is | • | • all kinds of businesses. |
| 2. Big data is useful to | • | • to make their games better. |
| 3. When you play a video game online, | • | • a big business today. |
| 4. This data tells how | • | • long you played. |
| 5. They use this data | • | • data is collected. |

Questions continue next page

C. Read the following passage and choose the correct answers.

Companies collect large amounts of data from most online activities. ① Data becomes big quickly because people spend so much time on computers. ② Teachers can find out how long students have worked online. They learn who may need more help. Data also helps teachers figure out which techniques work better than others. ③

1. What is the passage mainly about?
 - a. How big data is useful for teachers
 - b. How companies collect big data
 - c. How much time people spend on computers
2. What can teachers use big data for?
 - a. To calculate test scores faster
 - b. To teach their students better
 - c. To figure out how to make tests
3. What is the best place for the sentence below?

Big data is also helpful in education.

- a. ①
 - b. ②
 - c. ③
4. Which is NOT true according to the passage?
 - a. Data can help teachers know which students needs more help.
 - b. People spend a lot of time on computers.
 - c. Teachers can know how long students have read their textbooks.
5. What does technique mean in the passage?
 - a. An easy option
 - b. A special way
 - c. A common reason

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Unit 14 – The Origin of Measurement

A. Fill in the blank with the correct word. Two words are not used.

originally equator basic unit confusion thumb results

1. The instructions in French caused _____ to the English speakers.
2. Countries close to the _____ have warmer weather.
3. A kilogram is a(n) _____ of weight.
4. In North America, sticking your _____ up means “good job.”
5. I have to wait two weeks for my medical _____

B. Unscramble the sentences. Rewrite the sentences in order.

1. measurement. / the Imperial / Americans / system / of / use
2. distance / They / in miles / measure / feet. / and
3. length of / A foot / a man’s / originally the / foot. / was
4. 1,000 / mile / was / A / steps. / equal to
5. system / This / a lot of / old / confusion. / causes

Questions continue next page

C. Read the following passage and choose the correct answers.

In the 1790s, a team of French scientists decided to develop a common system of measurement. The result was the metric system. The meter is the basic unit. One meter is one ten-millionth ($1/10,000,000$) of the distance between the equator and the North Pole. One hundred centimeters make up one meter. One thousand meters equals one kilometer.

① At first, the people of France did not accept the metric system. ② Today, it is used around the world. ③

1. What is the passage mainly about?
 - a. A team of French scientists
 - b. The basic unit of measurement
 - c. The metric system
2. What is the largest unit of length mentioned in the reading?
 - a. The meter
 - b. The kilometer
 - c. The centimeter
3. What is the best place for the sentence below?

However, they were required to use it officially in 1840.

- a. ① b. ② c. ③
4. Which is NOT true according to the passage?
 - a. The metric system is only used in France.
 - b. One kilometer equals one thousand meters.
 - c. The metric system was developed in the 1790s.
 5. What does accept mean in the passage?
 - a. To explain
 - b. To buy
 - c. To agree

Class

Name

Unit 15 – Balance in Nature

A. Fill in the blank with the correct word. Two words are not used.

hexagon waste store feather fit pattern symmetry

1. I like the _____ on this sweater.
2. Can I _____ my boxes here while I move to a new house?
3. The colorful _____ fell from the bird's tail.
4. Please don't _____ the water.
5. Does the hat _____ your head?

B. Match the sentences. Rewrite the sentences in order.

- | | | |
|-------------------------------------|---|--------------------------------|
| 1. Honeycombs have | • | • wallpaper symmetry. |
| 2. The shapes in the pattern | • | • of a honeycomb. |
| 3. Bees use wax to form the pattern | • | • so that no space is wasted. |
| 4. They make shapes | • | • are repeated over a surface. |
| 5. They fit together perfectly | • | • that have six equal sides. |

Questions continue next page

C. Read the following passage and choose the correct answers.

Symmetry means something has parts of the same shape facing each other or around a center line. ① Peacocks are an example of bilateral symmetry. ② That is when an object can be divided into two halves that are exactly the same. ③ Peacocks, which are male birds, have this symmetry in their body shape and on their tail feathers. It makes them very attractive to female birds of their kind.

1. What is the passage mainly about?
 - a. How to find symmetry in different birds
 - b. The importance of bilateral symmetry
 - c. An example of symmetry found in nature
2. What makes a peacock's tail feathers special?
 - a. The body shape
 - b. The colors
 - c. The symmetry
3. What is the best place for the sentence below?

Nature is full of symmetrical objects.

- a. ① b. ② c. ③
4. Which is NOT true according to the passage?
 - a. A peacock's body has bilateral symmetry.
 - b. A peacock is a female bird.
 - c. Symmetry makes peacocks attractive.
 5. What does attractive mean in the passage?
 - a. Looking good
 - b. Feeling intelligent
 - c. Tasting bad

Class

Name

Unit 16 – Probability

A. Fill in the blank with the correct word. Two words are not used.

lightning lifetime lottery dropped certain probability express

1. Some people _____ by yelling.
2. If I win the _____, I will travel around the world.
3. The number of fans _____ when the singer got in trouble.
4. Paul is _____ that it will snow tonight.
5. The _____ set the tree on fire.

B. Unscramble the sentences. Rewrite the sentences in order.

1. of probability / example / of a die. / is / the roll / A good
2. roll / you / Imagine / to / a 3. / want
3. one / That / is / outcome. / possible
4. are / there / outcomes. / six total / But / possible
5. chance of / there is / 3. / rolling a / a one-in-six / Therefore,

Questions continue next page

C. Read the following passage and choose the correct answers.

① The probability of an event is how likely it is, expressed as a number. Experts say your probability of getting hit in your lifetime is one in 12,000. ② This number is based on population and the number of people who have reported getting hit by lightning. ③ The chance is much higher than winning a big lottery, where your chances drop to one in 175 million.

1. What is the passage mainly about?
 - a. How to have a higher chance winning
 - b. The probability of getting hit by lightning
 - c. The way to calculate probability
2. What is the probability of winning a big lottery?
 - a. One in 175 million
 - b. One in 12,000
 - c. Very high
3. What is the best place for the sentence below?

When we predict future events, we usually can't be certain we're right.

- a. ① b. ② c. ③
4. Which is NOT true according to the passage?
 - a. The probability of getting hit by lightning is one in 12,000.
 - b. The chance of getting hit by lightning is higher than winning a lottery.
 - c. Experts use different numbers to calculate probability.
 5. What does population mean in the passage?
 - a. Where people live
 - b. The lifespan
 - c. Number of people