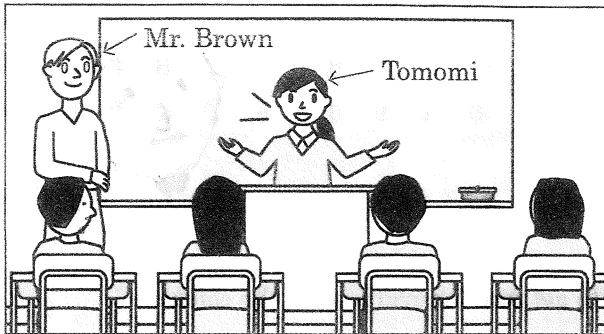


2/11 まての H.W



問5 次のA～Cのひとつづきの絵と英文は、トモミ(Tomomi)のある日のできごとを順番に表しています。Aの場面を表す<最初の英文>に続けて、Bの場面にあふさわしい内容となるように、の中に適する英語を書きなさい。ただし、あとの<条件>にしたがうこと。

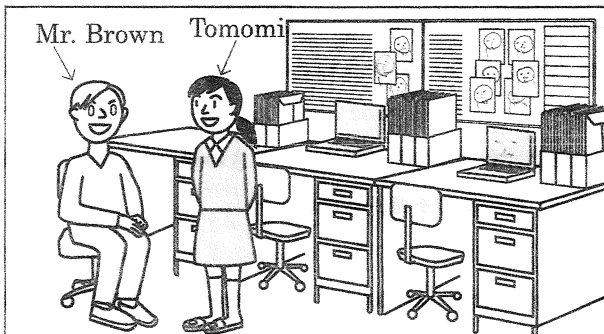
A



<最初の英文>

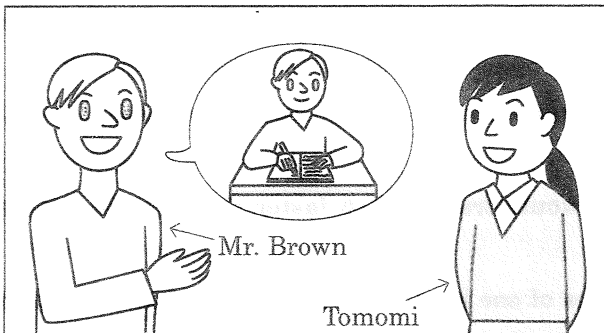
Tomomi made a speech about learning English in an English class today. She said, "I like English, so I want to be better at it." Mr. Brown said, "That's great, Tomomi."

B



After school that day, Tomomi said to Mr. Brown, "You speak Japanese well, Mr. Brown. Did you study it hard when you were in your country?" He said, "Yes." Tomomi asked, " about learning Japanese then?"

C



Mr. Brown answered, "Writing. Japanese has different \*characters, so I tried to remember them really hard." Tomomi said, "I see. I think the differences between English and Japanese are interesting."

<条件>

- ① difficult を必ず用いること。
  - ② ①に示した語を含んで、内を5語以上で書くこと。
  - ③ about learning Japanese then?につながる1文となるように書くこと。
- ※ 短縮形(I'm や don't など)は1語と数え、符号(、 など)は語数に含めません。




\* characters : 文字

問6 次の英文は、中学生のケンタ(Kenta)がアリ(ants)の研究を通して学んだことについて、英語の授業で行った発表の原稿です。英文を読んで、あとの(ア)～(ウ)の問いに答えなさい。

Hello, everyone. I am Kenta. Do you like \*insects? I'm sure some of you don't like them. But I have been very interested in them since I was little. I kept many different kinds of insects when I was an elementary school student. One day, I found a book about ants in my city library. The book told me a lot of interesting facts about them. Since then, I have enjoyed watching them and have learned more about them on the Internet. Today, I'd like to talk about ants.

You can find ants in different places around you in daily life, right? In Japan, there are about 280 different kinds of ants. And in the world, there are more than 10,000 different kinds of ants. Ants are called “\*social insects” because they live together and each of them has its own \*role in the \*colony. “Colony” means a group of ants.

There are three kinds of ants — \*queen ants, \*worker ants and \*male ants — in the colony. Now I'm going to tell you about the \*characteristics of each ant. Look at the picture. Picture

	<p>A queen ant is the head of the colony. After it finds a good place to make a new colony, it *lays thousands of eggs that will *ensure the *survival of the colony. It may live for more than 10 years. Most ants it *reproduces are *female.</p>
	<p>Worker ants are female ants without *wings. They never reproduce eggs. They look for food, care for their babies, work on the *nest, and protect the colony. They may live for about 1 year or 2 years.</p>
	<p>Male ants are ants with wings. There are some male ants in a colony. Male ants fly with a queen ant from the colony. After they *mate with the queen, they may die.</p>

The first ant is a queen ant. There is usually one queen ant in each colony. It lays a lot of eggs. The next one is a worker ant. There are a lot of worker ants in the colony and all worker ants are female. ( ① ) They do almost all the work. Usually, young worker ants work in the nest. They take care of their babies, keep their nest clean

\*insects : 昆虫    social : 社会的な    role : 役割    colony : コロニー, 群棲    queen : 女王  
 worker : 働き手    male : オス    characteristics : 特徴    lays ~ : ~を産み付ける  
 ensure ~ : ~を保証する    survival : 生き残ること    reproduces ~ : ~を産む    female : メス  
 wings : 羽    nest : 巣    mate with ~ : ~と交尾する

and make their nest bigger. Some of them protect their colony from \*enemies. ( ② )  
The last one is a male ant. Male ants have wings like queen ants. They fly in the sky to mate with queen ants. This is the only job they do. ( ③ )

Do you know how fast ants are ? They don't look like \*fast walkers because they are so small, but you will see how fast they are if you see them \*relative to their \*size. Look at this \*table. Ants are faster than humans. They are even faster than \*cheetahs ! That's amazing.

Table

The *Length to Travel *per *Second	
Ants	20 *body lengths
Humans	6 body lengths
Cheetahs	16 body lengths

There are some \*mysterious facts about ants. First, ants can return to their nest after they walk far away from it. How ? They put \*pheromones on the \*ground when they are walking. And they learn which way to go by the pheromones. So, they never lose their way. They also use several pheromones for \*communication. They understand which ants come from the same colony by the pheromones. Second, some ants take care of the babies of one kind of \*butterfly. Why ? The reason is that the babies give the ants a special juice. The juice is one of the ants' favorite foods. Both the ants and the butterflies \*benefit from each other. Even small insects live together and help each other. I think this is amazing.

One day my mother said to me, "We should learn from ants. I mean we should help each other to live better lives like ants." I think she is right. Ants know what to do to make their lives better.  My mother's words teach me that even small insects give us important ideas.

There are many people in the world. They have different cultures and speak different languages. If everyone tries to help each other like ants, it will be possible to make our world much better. There are still many things I don't know about ants. So in the future, I want to be a scientist and study more about the wonderful world of ants and other insects. Thank you for listening.

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\*enemies : 敵    fast walkers : 速歩き    relative to ~ : ~に比較して    size : 大きさ    table : 表  
cheetahs : チーター    Length : 長さ    per ~ : ~につき    Second : 秒    body lengths : 体長  
mysterious : 不思議な    pheromones : フェロモン    ground : 地面  
communication : コミュニケーション    butterfly : チョウ    benefit : 利益を得る

- (ア) 本文中の( ① )～( ③ )の中に、次の A～C を意味が通るように入れるとき、その組み合わせとして最も適するものを、あとの 1～6 の中から一つ選び、その番号を答えなさい。

- A. Each ant does its own job and helps its colony.
- B. Those are ants we usually see in our daily lives.
- C. Old worker ants find food and bring it back to the nest.

- 1. ① - A   ② - B   ③ - C      2. ① - A   ② - C   ③ - B      3. ① - B   ② - A   ③ - C
- 4. ① - B   ② - C   ③ - A      5. ① - C   ② - A   ③ - B      6. ① - C   ② - B   ③ - A

- (イ) 本文中の   の中に入れるのに最も適するものを、次の 1～4 の中から一つ選び、その番号を答えなさい。

- 1. They always work very hard to get food for everyone in the colony.
- 2. Worker ants listen to a queen ant and never try to become the one.
- 3. They even know how to live with different kinds of insects.
- 4. Worker ants also know what to do to make their queen happy.

- (ウ) 次の a～f の中から、ケンタの発表の内容に合うものを二つ選んだときの組み合わせとして最も適するものを、あとの 1～8 の中から一つ選び、その番号を答えなさい。

- a. Kenta likes insects and keeps them now, but he wasn't interested in them when he was an elementary school student.
- b. There are about 280 different kinds of ants in Japan and most of the ants in a colony are male.
- c. A male ant may die after it mates with a queen ant, but mating with a queen ant is its only job to do in the colony.
- d. It is amazing to know ants would travel much faster than people if ants were people's size.
- e. A special juice from the babies of one kind of butterfly is used by ants when they want to return to their colony.
- f. Kenta learned important things from ants and decided to study different cultures and languages in the world.

- 1. a と c      2. a と e      3. b と d      4. b と f
- 5. c と d      6. c と e      7. d と f      8. e と f