

第 4 問 (配点 16)

You and two friends have rented a section of a community garden for the first time. Your friends have written emails about their ideas for growing vegetables in the garden. Based on their ideas, you reply to finalize the garden plans.

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March 23, 2023

Our Garden Plan

Hi! Daniel here! I scanned this great planting chart in a gardening book I got from the library. The black circles show when to plant seeds directly into the soil. The black squares show when to plant seedlings, which are like baby plants. The stars show when to harvest a vegetable.

Planting Schedule

	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
beans		●	●	●		☆	☆		
cabbages		●	●			☆	☆	■	■
carrots		●	●			☆	☆		
onions				☆	☆	☆		●	●
potatoes	●	●			☆	☆			☆
tomatoes		●	■	■		☆	☆	☆	

It's already late March, so I think we should plant the potatoes now. We can harvest them in June, and then plant them again in August. Also, I'd like to plant the carrots at the same time as the potatoes, and the cabbages the next month. After harvesting them in July, we can put in cabbage seedlings at the same time as we plant the onions. We won't be able to eat our onions until next year! I have bought tomato seedlings and would like to give them more time to grow before planting them. Let's plant the beans toward the end of April, and the tomatoes the following month.

Let's discuss the garden layout. We will have a 6 × 6 meter area and it can be divided into two halves, north and south. Beans, cabbages, and tomatoes grow above the ground so let's grow them together. How about in the southern part? We can grow the carrots, potatoes, and onions together because they all grow underground. They will go in the northern part.

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March 24, 2023

Re: Our Garden Plan

Thanks, Daniel!

Rachel here. Your schedule is great, but I'd like to make some changes to your garden layout. We have six vegetables, so why don't we divide the garden into six sections?

We have to be careful about which vegetables we plant next to one another. I did a little research in a gardening book about the vegetables we'll grow. Some of our vegetables grow well together and they are called "friends." Others don't and they are "enemies." Our layout must consider this.

First, the tomatoes should go in the southern part of the garden. Tomatoes and cabbages are enemies and should be separated. Let's plant the cabbages in the southwest corner. The onions can be put in the middle because they are friends of both tomatoes and cabbages.

Next, let's think about the northern part of the garden. Let's put the beans in the western corner because beans and cabbages are friends. Carrots are friends with tomatoes so planting them in the eastern corner would be better. Potatoes can go in the middle. They are friends with beans and neutral with onions.

Well, what do you think of the layout?

March 25, 2023

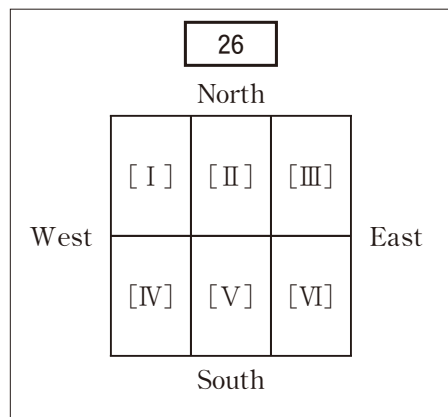
Re: Re: Our Garden Plan

Hi!

It's me! Thanks for your excellent ideas! Below is the planting schedule Daniel suggested two days ago. First, we need to buy kinds of seeds soon so we can plant them over the next two months!

Mar.	Early Apr.	Late Apr.	May	Aug.	Sept.
-[A] -potatoes	-[B]	-[C]	-[D]	-potatoes	-onions -cabbages

I made this garden layout using Rachel's idea.



It is similar to Daniel's. The vegetables in the northern and southern halves are almost the same. Only the are in different areas.

Rachel did a good job of considering friends and enemies. For our reference, I have made a chart.

We have not yet discussed , but I think we should.

問 1 Choose the best option for

24

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- ① 3
- ② 4
- ③ 5
- ④ 6

問 2 Complete the planting schedule in your email. Choose the best option for

25

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	[A]	[B]	[C]	[D]
①	cabbages	carrots	beans	tomatoes
②	cabbages	carrots	tomatoes	beans
③	carrots	cabbages	beans	tomatoes
④	carrots	tomatoes	cabbages	beans

問 3 Complete the garden layout information in your email.

Choose the best option for

26

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	[I]	[II]	[III]	[IV]	[V]	[VI]
①	beans	onions	tomatoes	cabbages	potatoes	carrots
②	beans	potatoes	carrots	cabbages	onions	tomatoes
③	cabbages	onions	carrots	beans	potatoes	tomatoes
④	cabbages	potatoes	tomatoes	beans	onions	carrots

Choose the best option for

27

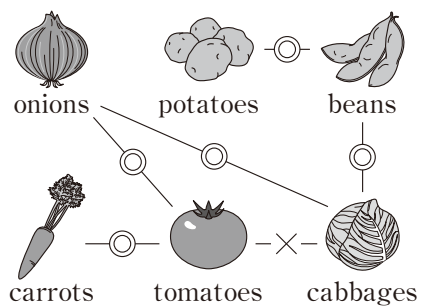
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- ① beans and onions
- ② cabbages and potatoes
- ③ carrots and tomatoes
- ④ onions and potatoes

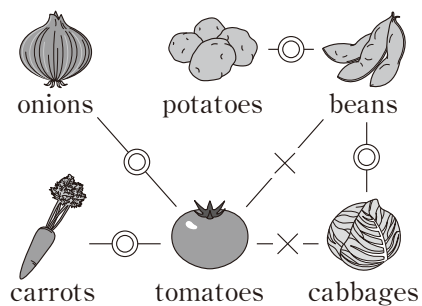
問 4 Which chart should appear in 28 ?

(◎ : friends, × : enemies)

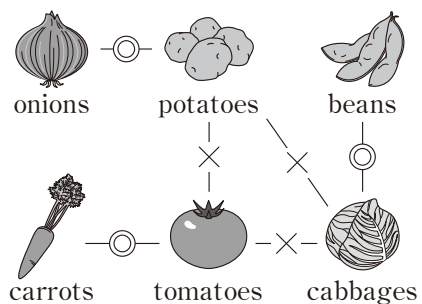
①



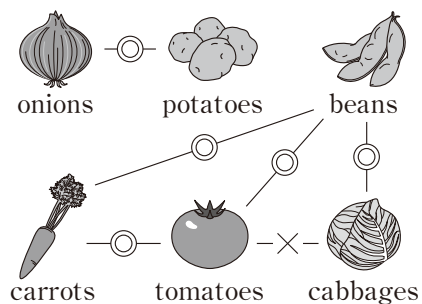
②



③



④



問 5 Choose the best option for

29

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- ① the difference between seeds and seedlings
- ② the responsibilities of caring for the garden
- ③ the timing for collecting the crops
- ④ vegetables that should be planted together