

1 次の文を読んで、後の質問に答えなさい。

Once upon a time, a poor woman and her son lived in a little village. Each day they would get up in the morning to gather wood in the mountains. The boy would then carry the wood to the marketplace to sell as firewood. With the money he got, he would buy things they needed, ①() () eggs and rice, before he returned home.

One day when he was waiting at the marketplace for people to buy his wood, he found a small bag of money that someone had dropped. He didn't know ②() () () with it, so he hurried home to show his mother.

"Mother, look what I found!" They opened the bag and ③both counted fifteen gold coins.

"④(will / the / lost / be / this / person / who / worried / has). You must go straight back to the marketplace and find out who lost it. The person may be ⑤() () () we are and planning to use the money to buy rice and oil. Just go back to the market, and maybe the person will come back to look for it later. I feel very bad about ⑥(keep) these coins, so hurry now and find their owner."

So, as his mother wished, the boy returned to the marketplace to find the owner. Not long after, he saw a *merchant looking everywhere. The boy thought, "Maybe he has lost something."

"Sir, have you lost something?" the boy asked.

"Yes, I lost a bag. I think I dropped it somewhere."

"Is this your bag, sir?" the boy asked the merchant.

"Why, yes!" he cried, and quickly began counting the coins inside. "One, two, three . . . fifteen! Only fifteen! I had thirty coins in my bag. You have taken fifteen for yourself. How dare you steal my money!"

"I am an honest person, and I tell you, there were only fifteen coins in the bag," the boy cried.

They both got angry and began to shout, and before long a crowd of people had gathered to see what was happening. The argument got ⑦(bad), and each said the other was lying. The people in the crowd told them to end the argument by going to see the judge. So, ⑧(a long line of people marched to the court).

"How many coins were in the bag?" the judge asked the boy.

"Fifteen, sir."

"And did you count the coins by yourself?"

"No, my mother was there, and we counted them together," the boy replied.

When he ⑨(hear) this, the judge called for the mother to come and asked her the same question.

She replied honestly that there had been fifteen coins in the bag.

"I told my son to return to the marketplace ⑩() () to try to find the owner."

The judge took a long look at the woman and her son, and then asked the merchant, "How much money did you lose?"

"I lost fifteen gold coins. This boy has stolen fifteen coins from me. He must return them now!"

The judge took a long look at the merchant as well and thought about what would be fair. After a while, ⑪(he smiled a little), and he announced, "As you say that you lost a bag with thirty coins inside, this bag is not yours, so you may not have it."

The merchant was very angry, and left the room. The judge looked at the boy and said, "As you found the bag and no one has *claimed it, ⑫(things / may / buy / the money / to / you / you / keep) need. ⑬(The case is closed!)"

Everyone in the room was happy that ⑭(it) was a wise decision.

*merchant: 商人 *claim: 自分のものだと主張する

問1 下線部①, ②, ⑤, ⑩に、それぞれ ①「のような」、②「どうすればいいか」、⑤「と同じくらい貧しい」、⑩「すぐに」という意味の英語を書きなさい。

- ① () () () () ② () () () ()
 ⑤ () () () () ⑩ () () () ()

英 語 4 枚のうち 2

問 2 下線部③が具体的に指しているものを次から選び、記号で答えなさい。

- a) かばんとコイン b) 少年と母親 c) 商人と少年 d) 卵と米 ()

問 3 下線部④, ⑫の語を正しく並べかえなさい。なお、文頭にくる語も小文字にしています。

④ _____

⑫ _____ need.

問 4 下線部⑥, ⑦, ⑨の語を適切な形にしなさい。

- ⑥ () ⑦ () ⑨ ()

問 5 下線部⑧, ⑬の日本語訳として最も適切なものを次から選び、それぞれ記号で答えなさい。

- ⑧ a) 人々は列をなして法廷へ行った b) 人々は法廷へ入るのに列を作って待った
 c) 人々は長い列を作って法廷の周りを歩いた d) 人々は3月に開かれる法廷を待っていた
 ⑬ a) 閉門します b) 閉鎖します c) 閉廷します d) 閉店します
 ⑧ () ⑬ ()

問 6 下線部⑪の理由として最も適切なものを次から選び、記号で答えなさい。

- a) どうすれば良いのか分からなかった b) 事件の内容を聞いて恥ずかしくなった
 c) 少年が微笑みかけてきた d) 納得できる判決にたどり着いた ()

問 7 本文の内容について、次の質問の答えとして最も適切なものを選び、それぞれ記号で答えなさい。

1. How did the boy and his mother earn money?
 a) They worked on a farm in the mountains. b) They sold eggs and rice at the market.
 c) They sold wood at the market. d) They sold bags at the market. ()
2. What did the mother tell her son to do?
 a) Look for the person who lost the bag. b) Go to the market and buy rice and oil.
 c) Take the bag straight to the judge. d) Take fifteen coins out of the bag. ()
3. Which of these sentences is true?
 a) The merchant and the boy became friends. b) The merchant said he lost a bag with thirty coins in it.
 c) The merchant thanked the boy. d) The boy found thirty coins in the bag. ()
4. Why did the judge say that the boy could keep the money?
 a) Because the judge was the boy's father. b) Because the boy wanted to keep it.
 c) Because the boy's mother found it. d) Because the judge believed the boy. ()

問 8 下線部⑭の内容について最も適切なものを選び、記号で答えなさい。

- a) お金を商人が受け取ること b) お金を少年が受け取ること
 c) お金を法廷にいた人々が受け取ること d) お金を裁判官が受け取ること ()

問 9 この物語が伝えようとしていることとして最も適切なものを次から選び、記号で答えなさい。

- a) 早起きは三文の徳 b) 百聞は一見にしかず
 c) 正直は最良の策 d) 時は金なり ()

2 次の文を読んで、後の質問の答えとして最も適切なものを選び、それぞれ記号で答えなさい。

Sri Lanka is a small country in the Indian Ocean. It is very close to India, and Sri Lankan culture is much like Indian culture. Just like India, in Sri Lanka women wear saris, and the most popular food is curry. However, while India is very big and very busy, Sri Lanka is much smaller and quieter. If you want to go on a nice vacation, how about Sri Lanka?

Most people in Sri Lanka are Buddhists, and they speak a language called Sinhalese. There are also Hindus and Muslims, who speak Tamil. However, you don't need to learn Sinhalese or Tamil to travel to Sri Lanka. Many Sri Lankans are very good at English, and you can use English at most popular tourist spots.

英 語 4 枚のうち 3

These days, more and more tourists are coming to Sri Lanka. People enjoy Sri Lanka's beautiful beaches, and sports like surfing are popular. Sri Lanka also has many interesting animals, and tourists can go on a safari tour to see elephants, monkeys, and leopards. The most popular city in Sri Lanka is Kandy. Kandy is called the "Kyoto of Sri Lanka," and it has many famous Buddhist temples.

- Which of these sentences about Sri Lanka and India is NOT true?
 - They are very near each other.
 - Women wear the same kind of clothes.
 - People eat the same kind of food.
 - They are almost the same size. ()
- How many languages are spoken in Sri Lanka?
 - One
 - Two
 - Three
 - Four ()
- What are three things tourists can do in Sri Lanka?
 - Go surfing, go skiing, and see animals.
 - Go to the beach, go on safari, and visit temples.
 - Eat curry, go to the sea, and see lions.
 - Go surfing, see elephants, and eat candy. ()

3 次のウェブサイトの内容について、後の質問の答えとして最も適切なものを選び、それぞれ記号で答えなさい。

Welcome to the official box office for Great Northern Theme Parks!

MOVIE WORLD

SEA WORLD

COMIC WORLD

SPACE WORLD

Choose the theme parks you wish to visit and how many days you would like entry. You can buy the pass that is best for you. Save time and money when you buy your tickets to the North's favorite theme parks online.

How long would you like to visit?

1 Day	2 Days	3 Days	6 Months	12 Months
Adult: \$80 Child: \$65	Adult: \$100 Child: \$80	Adult: \$120 Child: \$100	Super Pass: \$200 Mega Pass: \$220	Super Pass: \$300 Mega Pass: \$330
Another park: + \$10	Another park: + \$15	Another park: + \$20		

Super Pass: 6 or 12 months entry to three parks of your choice. Mega Pass: 6 or 12 months entry to all four parks.

Children aged 3 years – 13 years

- Lucy wants to see real whales and dolphins. Which park is probably best for her?
 - Movie World
 - Sea World
 - Comic World
 - Space World ()
- Mrs. Ishii and her daughter, 5 years old, will visit next month. They are thinking of visiting two parks in one day. How much will they pay?
 - \$145
 - \$155
 - \$165
 - \$180 ()
- Gavin and Britney are both elementary school students. They enjoy visiting these parks every year with their grandmother. This winter they spent two days in two parks. How much did it cost for the three of them?
 - \$230
 - \$260
 - \$275
 - \$305 ()
- The Browns live near the parks. They often enjoy visiting all these parks all year. What is the most convenient pass for them?
 - 6-month Super Pass
 - 6-month Mega Pass
 - 12-month Super Pass
 - 12-month Mega Pass ()

英 語 4 枚のうち 4

4 次の会話が成り立つように, []内の語句を並べかえなさい。なお, 文頭にくる語も小文字にしています。

1. Woman: Why is that policewoman talking to that little boy?

Man: ① The police officer [where / the / asking / is / is / mother / boy / his].

Woman: Why? Is he lost?

Man: I think so. ② He said that [his / this / seen / since / mother / he / morning / hasn't].

Woman: That's too bad.

Man: ③ Look, [toward / be / that / them / must / running / woman / his] mother.

Woman: The boy will be so happy to see her.

① The police officer _____

② He said that _____

③ Look, _____ mother.

2. Child: Mom, can we get this dog? He's so cute!

Mother: ① No, honey, that dog [care / be / big / is / to / of / taken / too].

Child: Please, Mom! I really want a dog!

Mother: ② [dog / more / looking / a / difficult / after / than / is] you think.

Child: ③ [walk / I / him / to / take / promise / a / for] every morning.

Mother: Let's talk to your father later.

① No, honey, that dog _____

② _____ you think.

③ _____ every morning.

5 バスや電車を利用する際のマナーについて, あなたの意見を 40 語以上の英語で書きなさい。

6 聞き取りテスト

Part A

1. a) No, please not. b) No, I wouldn't. c) No, thank you. d) No, you don't. ()

2. a) How about seven? b) How shall we meet? c) How are you? d) How about the station? ()

3. a) I'm sorry. I'll try harder to be on time. b) I'm sorry I'm late. I must get to the station.

c) I'm sorry. The train left a little late. d) I'm sorry. You must get up earlier. ()

4. a) I have never seen her before. b) I think I have seen him before.

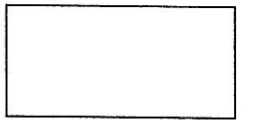
c) I think it's a nice brown coat. d) I think she must be your friend. ()

Part B

1. a) A quiz show b) A documentary c) A news program d) A drama ()

2. a) Detectives b) Nature c) The latest news d) Football ()

3. a) A football game b) A quiz show c) A documentary d) A drama ()



数学 2枚のうち1

1 次の計算をなさい。

(1) $(-2)^3 - 2^2 + (-2^2) - 4 \div \left(-\frac{1}{2}\right)$

(2) $\sqrt{48} + (-12) \div \sqrt{3}$

(3) $\frac{x^2y^3}{4a} \times \frac{2a^2b}{x^3y^2} \div \frac{ab}{2xy}$

(4) $\frac{x-y}{2} - \frac{x+y}{3} - \frac{2x-3y}{6}$

1
(1)
(2)
(3)
(4)

2 次の問いに答えなさい。

(1) 2次方程式 $9(x+3)^2 = 25$ を解きなさい。

(2) $a = \frac{1+\sqrt{3}}{2}$, $b = \frac{1-\sqrt{3}}{2}$ のとき, $a^2b + ab^2$ の値を求めなさい。

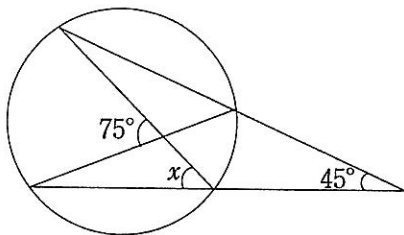
(3) $S = \frac{(a+b)h}{2}$ を, b について解きなさい。

(4) 2つのサイコロを同時に投げるとき, 目の数の和が5以上10未満になる確率を求めなさい。

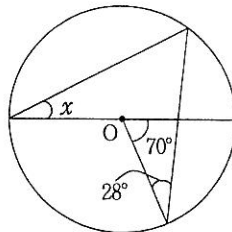
(5) n は2けたの自然数で, $\sqrt{7n}$ は奇数になるという。 n の値を求めなさい。

(6) 次の図で $\angle x$ の大きさを求めなさい。ただし, 点 O は円の中心とする。

①



②



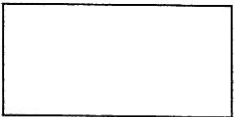
2
(1)
(2)
(3)
(4)
(5)
(6) ①
②

3 ある中学校で携帯電話の所持について調べたところ, 持っている生徒は, 男子の7割と, 女子の8割の合計286人であった。また, 持っていない生徒の人数は, 男子が女子の2倍であった。次の問いに答えなさい。

(1) この中学校の男子の人数を x 人, 女子の人数を y 人として, 連立方程式をつくりなさい。

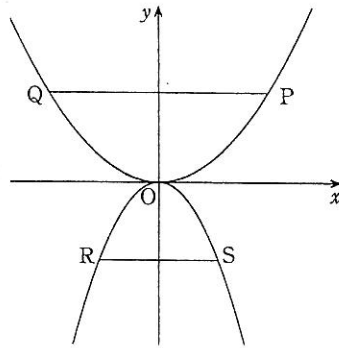
(2) この中学校の男子の人数と女子の人数をそれぞれ求めなさい。

3
(1) {
(2) 男子 女子 人, 人



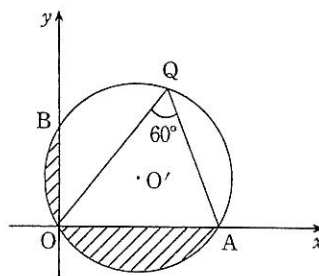
数学 2枚のうち2

- 4 右の図のように、関数 $y=ax^2$, $y=-\frac{3}{4}x^2$ のグラフ上に4点P, Q, R, Sを、QP, RSがx軸と平行になるようにとる。また、関数 $y=ax^2$ のグラフが点(2,1)を通るとき、次の問いに答えなさい。ただし、点P, 点Sのx座標は正とする。
- (1) a の値を求めなさい。
 - (2) 点Pのx座標が4, 点Sのx座標が2のとき、
 - ① 台形PQRSの面積を求めなさい。
 - ② 2点Q, Rを通る直線の式を求めなさい。
 - (3) 四角形PQRSが正方形になるとき、点Rの座標を求めなさい。



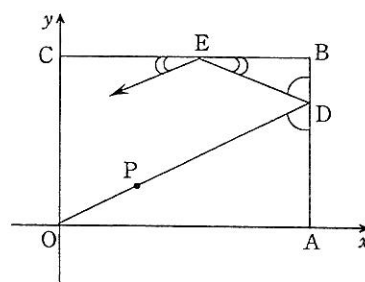
4
(1)
(2) ①
②
(3) R (,)

- 5 右の図のように、原点O, 点A(a, 0), 点B(0, 3), 点Qを通る円O'があり、 $\angle OQA=60^\circ$ である。次の問いに答えなさい。ただし、円周率は π とする。
- (1) a の値を求めなさい。
 - (2) 円O'の半径を求めなさい。
 - (3) 斜線部分の面積を求めなさい。



5
(1)
(2)
(3)

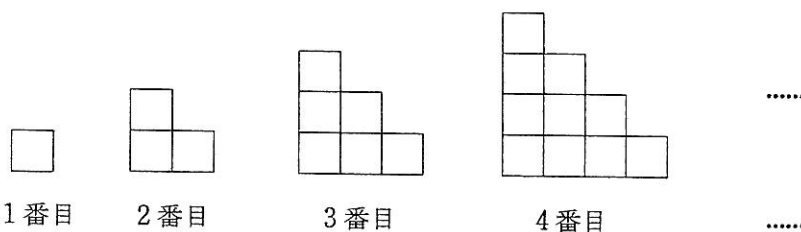
- 6 右の図のように、4点O(0,0), A(6,0), B(6,4), C(0,4)を頂点とする長方形OABCの頂点Oから、図の方向に光線が進む。光線は直進し、長方形の辺にあたると、図のように $\angle ODA = \angle EDB$ となるように進む。



- また、光線は長方形の頂点O, A, B, Cのいずれかにあたると、そこで止まる。
この光線が点P(2,1)を通るとき、次の問いに答えなさい。
- (1) 点D, Eの座標をそれぞれ求めなさい。
 - (2) 光線が頂点Oから出て、止まるまでの道のりを求めなさい。

6
(1) D (,)
E (,)
(2)

- 7 下の図のように、ある規則にしたがって正方形のタイルを並べる。次の問いに答えなさい。



7	
(1)	枚
(2)	枚
(3)	枚

- (1) 6番目に並べられるタイルの枚数を求めなさい。
- (2) n 番目に並べられるタイルの枚数を求めなさい。
- (3) 1番目から10番目までに並べられるタイルの合計枚数を求めなさい。