

5月19日(火) 高校数学課題⑤

● 次の問いに答えなさい。

(1) 次の式を因数分解しなさい。

①  $x^4 - 13x^2 + 36$

②  $6x^2 + 22x + 12$

③  $a^6 - b^6$

④  $2x^2 - 3xy - 2y^2 + 7x + y + 3$

(2) 次の分数は小数に、小数は分数に直しなさい。

①  $\frac{3}{7}$

②  $0.\overline{42}$  (← $0.42424242\cdots$ )

(3) 次の値を求めなさい。

①  $|-10|$

②  $|5-8|$

③  $|-2| - |-6|$

④  $|\sqrt{5}-3|$

(4) 次の場合について、 $|x-3|$ の絶対値の記号を外しなさい。

①  $x < 3$

②  $x \geq 3$

高校英語 休講期間中の課題②1～5月19日用～

●次の各問いに、それぞれ答えなさい。

問1 次のア～キの各文の( )内に適する語句を1～4から選びなさい。

ア ( ) at the station, I found the train had already started. ( )

1 To arrive 2 Arriving 3 Arrived 4 Arrive

イ Cathy is a member of the chorus club, so she is used to ( ) in front of an audience. ( )

1 sing 2 singing 3 sang 4 sung

ウ ( ) to the museum before, Jack knew what to see. ( )

1 Being 2 Been 3 Having been 4 Be

エ My brother stopped ( ) for his health. ( )

1 smoked 2 to smoke 3 smoking 4 to have smoked

オ ( ) where to go, Akihiro stayed at his hotel all day long. ( )

1 Doesn't know 2 Not knowing 3 No knowing 4 Unknowing

カ Please remember ( ) E-mail to the teacher who told us English yesterday. ( )

1 send 2 sent 3 sending 4 to send

キ Would you mind ( ) a letter in English for me? ( )

1 writing 2 for writing 3 write 4 written

問2 次のク～コの英文を、分詞構文を使った文に書き換え、日本語に訳しなさい。

ク When she saw me, she ran away.

分詞構文 : \_\_\_\_\_

訳 : \_\_\_\_\_

ケ As it was sunny, we went to the park.

分詞構文 : \_\_\_\_\_

訳 : \_\_\_\_\_

コ After I had finished my homework, I played the game.

分詞構文 : \_\_\_\_\_

訳 : \_\_\_\_\_