



برای دریافت پاسخنامه سوالات به سایت زیر مراجعه
فرمایید

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Considérons les deux fractions rationnelles

$$f(x) = \frac{6x+2}{(x+1)(x-1)}$$

$$g(x) = \frac{3x-7}{(x-1)(x-2)}$$

Notons

$$(x+1)(x-1) = 0 \iff (x = -1 \text{ ou } x = 1)$$

$$(x-1)(x-2) = 0 \iff (x = 2 \text{ ou } x = 1)$$

Nous en déduisons

l'ensemble des dénominateurs nuls de f est : $D_f = \{-1, 1, 2\}$

Pour tout réel x de D_f nous avons :

$$f(x) = \frac{6x+2}{(x+1)(x-1)} - \frac{3x-7}{(x-1)(x-2)}$$

Nous en déduisons successivement :

$$f(x) = \frac{(6x+2)(x-2)}{(x+1)(x-1)(x-2)} - \frac{(3x-7)(x+1)}{(x+1)(x-1)(x-2)}$$

$$f(x) = \frac{(6x^2 - 12x + 2x - 4) - (3x^2 + 3x - 7x - 7)}{(x+1)(x-1)(x-2)}$$

$$f(x) = \frac{3x^2 - 6x + 3}{(x+1)(x-1)(x-2)} = \frac{3(x-1)^2}{(x+1)(x-1)(x-2)}$$

Pour tout réel x de D_f nous avons $x-1 \neq 0$

$$f(x) = \frac{3(x-1)^2}{(x+1)(x-1)(x-2)} = \frac{3(x-1)}{(x+1)(x-2)}$$

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کلیه حقوق مادی و معنوی این سوالات متعلق به گروه آموزشی
بیست و نوا می باشد و کپی برداری و استفاده بدون ذکر
منبع از لحاظ شرعی و قانونی مجاز نمی باشد



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1 - According to the passage, some researchers suggest that mammoths became extinct:

- Ⓐ About 2,000 years ago Ⓑ About 4,000 years ago Ⓒ About 7,000 years ago Ⓓ About 10,000 years ago

2 - which of the following terms from the passage is NOT used to refer to the mammoths?

- Ⓐ Beasts Ⓑ Pachyderms Ⓒ Bulk Ⓓ Group

3 - Out of my entire time in high school, one day in particular in my mind the day of the big biology test.

- Ⓐ consumes Ⓑ sticks Ⓒ pollutes Ⓓ rings

4 - Let's find a place we can sit down and have coffee.

- Ⓐ which Ⓑ where Ⓒ who Ⓓ what

5 - How well the will grow depends on the quality and condition of the soil.

- Ⓐ salt Ⓑ magnet Ⓒ crop Ⓓ middle ear

6 - The arrangement of the different parts of something that is made, such as a building, book, machine, etc. is called a design.

- Ⓐ immediate Ⓑ minor Ⓒ general Ⓓ unknown

7 - Although businesses , it became surprisingly difficult for either company to produce complete electrical installations.

- Ⓐ expanded Ⓑ figured out Ⓒ managed Ⓓ recommended

8 - I still remember the man taught me to play guitar when I was a boy.

- Ⓐ which Ⓑ whom Ⓒ who Ⓓ whose

9 - The dictionary has been published several times and is a valuable of Persian language.

- Ⓐ measure Ⓑ treasure Ⓒ majority Ⓓ community

10 - The children shouted in the street are not from our school.

- Ⓐ whom Ⓑ which Ⓒ who Ⓓ —

11 - If I felt better, I to the cinema with you.

- Ⓐ will go Ⓑ might go Ⓒ went Ⓓ have gone

12 -

Look at this part! There is more than one of 'garage'.

- Ⓐ pronunciation Ⓑ dictionary Ⓒ pattern Ⓓ magnet

13 -

The principal asked me to a poster for the football match at school.

- Ⓐ catch Ⓑ compile Ⓒ design Ⓓ learn

14 -

I should say that AC is the standard for 'air conditioning'.

- Ⓐ combination Ⓑ definition Ⓒ abbreviation Ⓓ inspiration

15 -

We need to know the time the accident happened.

- Ⓐ exact Ⓑ direct Ⓒ invisible Ⓓ intermediate

16 - The doctor said taking these drugs could seriously your health.

- Ⓐ design Ⓑ expand Ⓒ contain Ⓓ endanger

17 -

This book you are reading explains how sounds are through the air.

- Ⓐ transmitted Ⓑ circled Ⓒ contained Ⓓ identified

18 -

The journey to the airport about half an hour.

- Ⓐ gives Ⓑ takes Ⓒ catches Ⓓ gets

19 - In your, I would look for another job.

- Ⓐ situation Ⓑ purpose Ⓒ suggestion Ⓓ issue

20 - I can this book to anyone interested in Mexican food.

- Ⓐ confuse Ⓑ expand Ⓒ guide Ⓓ recommend

21 - How could you make such a/an mistake?

- Ⓐ elementary Ⓑ original Ⓒ invisible Ⓓ bilingual

22 - There were only three of us on the course because all the other students had failed.

- Ⓐ strong Ⓑ advanced Ⓒ confused Ⓓ accidental

23 - You can use your to access the Internet.

- Ⓐ smartphone Ⓑ dictionary Ⓒ abbreviation Ⓓ pollution

24 - My uncle who is an engineer and built his own house.

- Ⓐ circled Ⓑ compiled Ⓒ designed Ⓓ surrounded

25 - The patient's blood pressure has returned to its normal

- Ⓐ pocket Ⓑ land Ⓒ wing Ⓓ level

26 - My brother has found a small brown bag which dollar bills.

- Ⓐ contains Ⓑ pronounces Ⓒ compares Ⓓ accesses

27 - The plane the airport to burn up excess fuel.

- Ⓐ compiled Ⓑ circled Ⓒ supported Ⓓ borrowed

28 - The materials I am talking about can be used singly or in

- Ⓐ suggestion Ⓑ disconnection Ⓒ abbreviation Ⓓ combination

29 - Is there a/an type of book your father enjoys?

- Ⓐ particular Ⓑ invisible Ⓒ crowded Ⓓ immediate

30 - The house we wanted to buy had been kept in good

- Ⓐ order Ⓑ letter Ⓒ guide Ⓓ crop

31 - Can you write a brief to the text?

- Ⓐ treasure Ⓑ ostrich Ⓒ introduction Ⓓ vibration

32 - You are very skillful. You handled the situation very

- Ⓐ effectively Ⓑ alphabetically Ⓒ suddenly Ⓓ unsuccessfully

33 - My hardworking sister had finally success.

- Ⓐ circled Ⓑ surrounded Ⓒ suffered Ⓓ achieved

34 - The dictionary he recommended provides clear, simple

- Ⓐ situations Ⓑ definitions Ⓒ vibrations Ⓓ infections

35 - Is it that you have some experience of teaching?

- Ⓐ essential Ⓑ international Ⓒ single Ⓓ invisible

36 - The receptionist us with a lot of useful information.

- Ⓐ achieved Ⓑ converted Ⓒ provided Ⓓ accessed

37 - Here are some useful on how to save money.

- Ⓐ poems Ⓑ tips Ⓒ entries Ⓓ hosts

38 - I could him easily if I saw him again.

- Ⓐ surround Ⓑ pronounce Ⓒ suffer Ⓓ identify

39 -

This is a big ; we need more time to think about it.

- Ⓐ break Ⓑ design Ⓒ level Ⓓ issue

40 - AC is the standard for 'air conditioning'.

- Ⓐ suggestion Ⓑ abbreviation Ⓒ introduction Ⓓ combination

41 - The instructions on the box are very

- Ⓐ international Ⓑ endangered Ⓒ confusing Ⓓ final

42 - Let's have a look at the TV and see what's on.

- Ⓐ guide Ⓑ symbol Ⓒ wing Ⓓ floor

43 - Everybody knows that 'B' is the second of the English alphabet.

- Ⓐ symbol Ⓑ issue Ⓒ letter Ⓓ wing

44 - All these jobs can now be done by one machine.

- Ⓐ single Ⓑ final Ⓒ calm Ⓓ moral

45 - As far as I know, student numbers are rapidly.

- Ⓐ recommending Ⓑ expanding Ⓒ considering Ⓓ containing

46 - Our new classmate wasn't very and kept things to himself.

- Ⓐ incomprehensible Ⓑ primary Ⓒ general Ⓓ communicative

47 - The health of our children is being by air pollution.

- Ⓐ circled Ⓑ endangered Ⓒ disconnected Ⓓ accessed

48 - My computer crashes every time I from the Internet.

- Ⓐ disconnect Ⓑ install Ⓒ arrange Ⓓ expand

49 - The was very dry and hard after the long, hot summer.

- Ⓐ poem Ⓑ land Ⓒ snake Ⓓ section

50 - It was the first book of poetry designed for children.

- Ⓐ orally Ⓑ heavily Ⓒ slowly Ⓓ primarily

51 - What should we do to protect the body from?

- Ⓐ infection Ⓑ pronunciation Ⓒ definition Ⓓ abbreviation

52 - A(n) is a pile of earth which is formed by a kind of insect when they are making a nest.

- Ⓐ anthill Ⓑ entry Ⓒ element Ⓓ wing

53 - In my opinion, that's an interesting job offer – I'd give it some serious consideration if I you.

- Ⓐ am Ⓑ were Ⓒ has been Ⓓ will be

54 - The of this name in Portuguese is believed to be from an indigenous South American language.

- Ⓐ order Ⓑ device Ⓒ point Ⓓ origin

55 - To get that well-paid job, you should be able to read and pronounce the words clearly and in both English and Filipino.

- Ⓐ suddenly Ⓑ correctly Ⓒ increasingly Ⓓ immediately

56 - After a quick, the film jumps back twenty years to show us how these two ended up in the ring together.

- Ⓐ abbreviation Ⓑ introduction Ⓒ pronunciation Ⓓ combination

57 - If the women the carpets, we could sell them.

- Ⓐ weave Ⓑ wove Ⓒ woven Ⓓ weaves

58 - A: "Do you know what this N stands for?"

B: "Oh, yes. It's the for nitrogen"

- Ⓐ symbol Ⓑ formula Ⓒ process Ⓓ compound

If you look up every new word you see or hear, you will spend your whole day with the dictionary in your hand. That's no good! You have to be clever and choose the right words to check and the right time to do it. Try to follow the advice below and you will become a much more efficient language learner:

- When you find a new word while reading, finish the sentence (better: the paragraph). If you haven't guessed the meaning

and it still seems important, then you can look it up. To avoid interrupting your reading for too long, you should find its meaning in your own language using a bilingual dictionary.

- When you hear a new word in class (or the teacher has written it on the board), wait and continue listening. What the teacher says next may help you to understand the word. If you look it up in your dictionary, you will not hear what comes next, and this will make understanding the lesson more and more difficult.
- If you think the word is very important, you could copy it from the board or write how you think it is spelled. Then later you could ask the teacher or another student what it means.

59 - According to the passage, learners of English

- 1 should never use a bilingual dictionary 2 should always have a dictionary in their hands
 3 must first try to understand the words they hear 4 can always understand all the words they hear or read

60 - What does the underlined word 'it' in the last line refer to?

- 1 word 2 copy 3 board 4 dictionary

61 - Which of the following is NOT true according to the passage?

- 1 Sometimes we have to use a dictionary to understand a word. 2 We can also use a bilingual dictionary to look up a word.
 3 Some students need to copy the words from the board. 4 Teachers can tell you the meaning of all the words.

62 - What does the passage mainly discuss?

- 1 How to be a better language learner. 2 What a bilingual dictionary is.
 3 Why new words are important. 4 How much time we spend to learn a language.