



برای دریافت پاسخنامه سوالات به سایت زیر مراجعه
فرمایید

http://www.20shoo.ir

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 et g est : $D_f = D_g = \mathbb{R} - \{-1, 1, 2\}$

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

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

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

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

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

$$f(x) - g(x) = \frac{4}{(x+1)(x-1)(x-2)}$$

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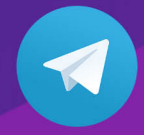
$$f(x) - g(x) = \frac{4}{(x+1)(x-1)(x-2)}$$

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



20shoo.ir

Instagram



@ir20shoo

telegram



Travel

1 - A: Is Kate checking the timetable? B:

- Ⓐ No, she's checking the timetable. Ⓟ The timetable is over there.
 Ⓑ There's a timetable in her room. Ⓛ No, she's reading the guidebook.

2 - My dad and I traveling to Shiraz.

- Ⓐ am Ⓟ is Ⓜ are Ⓛ ----

3 - A: How can I help you? B:

- Ⓐ Yes, I can help you, sir. Ⓟ I want to book a room. Ⓜ No, we can't help you. Ⓛ She's standing over there.

4 - A: How does your family want to go to Mashhad during the holidays?

B: I am sure my father

- Ⓐ takes an express train Ⓟ books a hotel Ⓜ checks the timetable Ⓛ buys a ticket

5 - They are

- Ⓐ Mina books Ⓟ books of Mina Ⓜ Mina's books Ⓛ Mina's book

6 - A: B: She's by the gift shop.

- Ⓐ What's she doing? Ⓟ Where's your wife? Ⓜ Is she in the gift shop? Ⓛ Who is that girl?

7 - Clerk: Did he ?

Passenger: Yes, he did.

Clerk: How much was it?

Passenger: About 10 kilos.

- Ⓐ weigh his baggage Ⓟ brought his baggage Ⓜ pay toll Ⓛ exchange money

8 - Let's take the train to Yazd. It is very fast.

- Ⓐ patient Ⓟ express Ⓜ serious Ⓛ pleasant

9 - What's that girl here?

- Ⓐ do Ⓟ is doing Ⓜ does Ⓛ doing

10 - We're math but Amir studying English.

- Ⓐ study / are Ⓟ study / is Ⓜ studying / 're Ⓛ studying / is

11 - Is it to get tickets for the game today?

- Ⓐ possible Ⓟ funny Ⓜ neat Ⓛ happy

12 - They are the hotel. They want to go home.

- Ⓐ filling out Ⓟ checking in Ⓜ checking out Ⓛ taking off

13 - I'm interested football. I read many books about football players.

- Ⓐ at Ⓟ by Ⓜ on Ⓛ in

14 - Someday I'd like to to Brazil.

- Ⓐ travel Ⓟ hope Ⓜ make Ⓛ pay



15 -

کدام گزینه با عبارت مشخص شده در متن مترادف است؟

My friend's father is traveling now. He checked the Net and booked a room online last night. At the airport, an officer is checking his passport, and he is filling out some forms before getting on the plane.

- Ⓐ writing something Ⓑ checking something Ⓒ getting something Ⓓ looking at something

16 - I don't have money. My dad will for the tickets.

- Ⓐ buy Ⓑ like Ⓒ pay Ⓓ go

17 - My 's job is very important to her.

- Ⓐ wife Ⓑ gift Ⓒ map Ⓓ park

18 - Don't forget to this form before you go to your room.

- Ⓐ take off Ⓑ pack for Ⓒ fill out Ⓓ listen to

19 - A: Where is the famous mosque? B: I don't know. Let's check the again.

- Ⓐ timetable Ⓑ guidebook Ⓒ reservation Ⓓ shopkeeper

20 - The of my laptop is not working again.

- Ⓐ ring Ⓑ shop Ⓒ gift Ⓓ fan

21 - This man is very clever. He is us with math problems in class.

- Ⓐ buying Ⓑ packing Ⓒ going Ⓓ helping

22 - I'm checking the timetable but they

- Ⓐ aren't Ⓑ don't Ⓒ are Ⓓ do

23 - Reza, are you good at chess?

- Ⓐ play Ⓑ playing Ⓒ are playing Ⓓ to play

24 - The young boy's mother talking to our teacher.

- Ⓐ are Ⓑ is Ⓒ s' Ⓓ 're

25 - He is traveling the world. He is the map.

- Ⓐ around - checking Ⓑ around - reading Ⓒ about - looking Ⓓ about - studying

26 - A: Are they traveling around the world? B:

- Ⓐ Yes, and now they are in England. Ⓑ Yes, they are at home.
Ⓒ Well, we are interested in traveling. Ⓓ Yes, there are.

27 - I to go to Berlin in the evening, but I have a problem.

- Ⓐ want Ⓑ study Ⓒ clear Ⓓ forget

28 - I'm getting ready for going to London. Yesterday I my trip and a hotel.

- Ⓐ packed for - booked Ⓑ checked in - booked Ⓒ packed for - made Ⓓ booked - packed for

29 - The car is red, but the are black

- Ⓐ wheels of the car Ⓑ car's wheels Ⓒ wheel of the car Ⓓ wheels of car

30 - Those tourists, gave the keys back and left the hotel.

- Ⓐ checked out Ⓑ filled out Ⓒ checked in Ⓓ paid toll

31 -

مناسبتترین گزینه را انتخاب کنید.

I like the sea, I want to

- make a voyage
 buy gold fish
 bake a cake
 watch fireworks

32 - A: How many days are you staying? B:

- Yes, we are staying.
 We are staying in a hotel.
 For three nights.
 No, we are not staying.

33 - I am trying to find the city on the

- map
 shop
 gift
 cake

34 - Ali: Are you at home this afternoon?

Reza: No; my father and I to the stadium for the football match.

- go
 am going
 are going
 goes

35 - "I should book a hotel online."

In this sentence "book" means:

- fill
 reserve
 forget
 bring

36 - "What are Vahid and Mohsen talking about?"

Vahid: What's your best friend like?

Mohsen: My best friend, Reza, is clever and helpful. He's also kind and hard-working.

- Reza's friends
 Vahid's best friend
 Reza's Personality
 Reza's Appearance

37 - A: Where's your wife? B:

- She's over there.
 She's from Japan.
 She's my wife
 My wife is Clara.

38 - Are you reading, Parham?

- new gifts
 short stories
 hotel rooms
 two days

39 - They are filling the form. They are a hotel.

- out - checking
 out - booking
 to - filling
 around - finding

40 - A: I need to check your passport. B:

- I have a passport.
 Here is my passport.
 I need a passport.
 It is your passport.

41 - A: Are you searching for a hotel? B:

- Yes, I am staying in a nice hotel.
 Yes, I want to book it online.
 No, the hotel is not online.
 No, we are checking out.

42 - I am trying to online.

- travel by train
 book a hotel
 pack for a trip
 board a plane

43 - I am doing homework and TV in my bedroom.

- watch
 watches
 is watching
 watching

44 - A: I need to check your passport. B:

- Here you are.
 Yes, I check your passport.
 We have a reservation.
 I am by the gift shop.

45 - A: How are they traveling? B:

- To Yazd.
 This morning.
 At night.
 By plane.

46 - My uncle has a big problem. He

- Ⓐ is interested in traveling Ⓑ always helps me Ⓒ forgets important things Ⓓ is not in the gift shop

47 - The teachers cars are in the street.

- Ⓐ 's Ⓑ s' Ⓒ ' Ⓓ of

48 - Your red T-shirt is not for the birthday party.

- Ⓐ quiet Ⓑ famous Ⓒ suitable Ⓓ windy

49 - Where are my car ? I can't find them!

- Ⓐ doors Ⓑ keys Ⓒ wheels Ⓓ shops

50 - Mr. Hamidi's is Sara. She's standing over there.

- Ⓐ son Ⓑ wife Ⓒ brother Ⓓ uncle

51 - A: What's he doing? B: He tickets online.

- Ⓐ buys Ⓑ is buying Ⓒ buy Ⓓ buying

52 - A: Is your mother cooking now? B: Yes,

- Ⓐ she is Ⓑ she's Ⓒ mother is Ⓓ mother's

53 - Ramin, is helping you with your English this year?

- Ⓐ how Ⓑ who Ⓒ when Ⓓ where

54 - How is Arash traveling to Mashhad? He is traveling

- Ⓐ at 9:00 Ⓑ with Neda Ⓒ by plane Ⓓ on Monday

55 - The windows my sisters bedroom are dirty. I want to clean them.

- Ⓐ of - 's Ⓑ of - of Ⓒ of - ' Ⓓ 's - of

56 - Hope enjoy your in Tehran.

- Ⓐ timetable Ⓑ stay Ⓒ exchange Ⓓ map

It's morning. Tom and hisA..... ,Mary are at home. They are sitting at the table. They are eatingB..... They are not talking about anything. Tom isC..... coffee but Mary is not. She's eating bread andD..... The radio is on, but they are not listening to it. They are going to work after breakfast

57 - A

- Ⓐ son Ⓑ husband Ⓒ wife Ⓓ brother

58 - B

- Ⓐ letter Ⓑ newspaper Ⓒ story Ⓓ breakfast

59 - C

- Ⓐ going Ⓑ asking Ⓒ drinking Ⓓ eating

60 - D

- Ⓐ honey Ⓑ office Ⓒ poem Ⓓ trip