



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 $x-1 \neq 0$

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

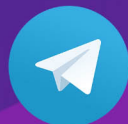
www.20shoo.ir

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](http://www.20shoo.ir)

Instagram



[@ir20shoo](https://t.me/ir20shoo)

telegram



Health and Injuries

1 - When did Reza of his mother?

- Ⓐ cut Ⓑ take care Ⓒ recharge Ⓓ install

2 - Please stick a on the wound.

- Ⓐ trip Ⓑ plaster Ⓒ blog Ⓓ bruise

3 - A: How did he hurt his head? B:

- Ⓐ He had a black eye yesterday. Ⓑ He put a plaster on it.
Ⓒ He hit it on the door. Ⓓ He went to the hospital.

4 - A: How did the old woman her leg? B: She had an accident.

- Ⓐ broke Ⓑ breaks Ⓒ is breaking Ⓓ break

5 - Please this plaster on my wound.

- Ⓐ hurry Ⓑ take Ⓒ hurt Ⓓ stick

6 - She didn't the address so we asked the information desk.

- Ⓐ knew Ⓑ knows Ⓒ knowing Ⓓ know

7 - A: Does she take care of her father? B: Yes, she likes a lot. (همدان - خرداد ۹۵)

- Ⓐ him Ⓑ her Ⓒ me Ⓓ them

8 - A: Where did you go before dinner? B: We shopping.

- Ⓐ go Ⓑ are going Ⓒ goes Ⓓ went

9 - Amir opened the door and I my head on it.

- Ⓐ hit Ⓑ had Ⓒ rode Ⓓ left

10 - We an old movie at school last Monday.

- Ⓐ went Ⓑ felt Ⓒ bled Ⓓ saw

11 - She her finger yesterday.

- Ⓐ cuts Ⓑ cutting Ⓒ cut Ⓓ is cutting

12 - A: Why did they have an accident? B: Because

- Ⓐ they had a scar Ⓑ they had an accident Ⓒ he hit his head Ⓓ she drove fast

13 - Reza is a kind boy. He care of his mother.

- Ⓐ keeps Ⓑ helps Ⓒ makes Ⓓ takes

14 - He didn't out on Friday. It was snowy.

- Ⓐ went Ⓑ goes Ⓒ go Ⓓ going



15 - Ali has his hand in a

Ⓐ scar

Ⓑ bruise

Ⓒ cast

Ⓓ wound

16 - A: What did you eat? B: We pizza.

Ⓐ eat

Ⓑ ate

Ⓒ eating

Ⓓ eats

17 - A: When did she her hand?

B: She burnt it this morning.

Ⓐ burnt

Ⓑ burn

Ⓒ burns

Ⓓ burning

18 - A: What happened? B:

Ⓐ I'm at home.

Ⓑ I fell down.

Ⓒ She's in the yard.

Ⓓ You need help.

19 - Neda: Did you see the war movie last night?

Zahra: No, I care of my little brother.

Ⓐ take

Ⓑ takes

Ⓒ taking

Ⓓ took

20 - We didn't care of the child. His mother did.

Ⓐ get

Ⓑ work

Ⓒ take

Ⓓ help

21 - A: Can I speak to Mr. Moradi? B: Just a/an, please.

Ⓐ event

Ⓑ advice

Ⓒ second

Ⓓ bruise

22 - A: B: My best friend and his family.

Ⓐ Who had a car cash?

Ⓑ What happened?

Ⓒ Why is she crying?

Ⓓ Where did they live?

23 - We are to go mountain climbing. Do you come with us?

Ⓐ planning

Ⓑ swimming

Ⓒ watching

Ⓓ installing

24 - A: We want to go on a trip. Do you come with us? B: I don't so.

Ⓐ work

Ⓑ think

Ⓒ break

Ⓓ twist

25 - The small boy burnt his hand and crying.

Ⓐ hard

Ⓑ started

Ⓒ climbed

Ⓓ used

26 - A: Who the pizza last night?

B: Nader.

Ⓐ is eating

Ⓑ eat

Ⓒ eats

Ⓓ ate

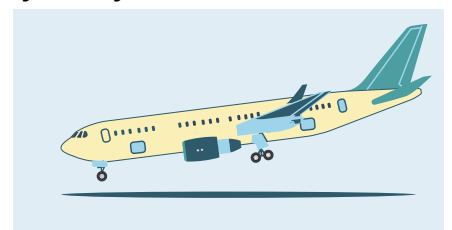
27 - A few minutes ago the plane in Tabriz Airport. I can visit my family after two weeks.

Ⓐ took off

Ⓑ got off

Ⓒ checked in

Ⓓ landed





42 - My mother her finger in the kitchen last night.

- Ⓐ burn Ⓑ burning Ⓒ burned Ⓓ burns

43 - A: Wendy, can you come? B: Every weekday morning.

- Ⓐ how Ⓑ who Ⓒ when Ⓓ where

44 - A: Does the charity help the poor people?

B: Yes, it helps

- Ⓐ him Ⓑ it Ⓒ them Ⓓ her

45 - My sister fell down and hurt her

- Ⓐ gift Ⓑ grade Ⓒ knee Ⓓ wound

46 - A: Does your brother help you?

B: Yes, he helps

- Ⓐ you Ⓑ me Ⓒ my Ⓓ your

47 - A: Can you help me? B: Yes, I can help

- Ⓐ us Ⓑ them Ⓒ me Ⓓ you

48 - All the students English in class yesterday.

- Ⓐ are speaking Ⓑ speak Ⓒ speaks Ⓓ spoke

49 - Choose the sentences that have rising intonation.

- a. My little brother Reza was hungry b. Can you give me some advice?
c. How did Ali hurt his head? d. What a graet movie!

- Ⓐ a&b Ⓑ b&c Ⓒ b&d Ⓓ c&d

متن زیر را بخوانید و پاسخ درست را انتخاب کنید.

YesterdayA..... very cold. It snowed heavily. Some people were hurt. One kidB..... his leg and two other kids hurt their hands. Four old people hurt theirC..... and four old people hit their heads. TheD..... and police officers were everywhere. They helped people.

50 - A

- Ⓐ is Ⓑ were Ⓒ was Ⓓ are

51 - B

- Ⓐ broke Ⓑ burned Ⓒ helped Ⓓ spoke

52 - C

- Ⓐ blogs Ⓑ bags Ⓒ backs Ⓓ books

53 - D

- Ⓐ timetables Ⓑ relatives Ⓒ ceremonies Ⓓ firefighters

Last Friday, my family and IA..... to the park. My father drove to the park. There were a lot of people in the park because it wasB..... . We sat on a bench near a tree. It was a pleasant place. My brother and I played football before lunch. WeC..... rice and chicken for lunch. After lunch, we played chess. It was a wonderful day for us.



54 - A

- Ⓐ go Ⓑ are going Ⓒ went Ⓓ goes

55 - B

- Ⓐ cold Ⓑ sunny Ⓒ rainy Ⓓ bad

56 - C

- Ⓐ had Ⓑ took Ⓒ wrote Ⓓ broke

My mother is a nurse. She works in aA..... hospital. Yesterday she baked some cookies. SheB..... them on the table. My little brother, Amir, was hungry. He wanted a cookie. He climbed aC..... to take it. He fell down and hurt his head. It was bleeding. He started crying. My mother put aD..... on his wound and took him to the doctor.

57 - A

- Ⓐ shy Ⓑ big Ⓒ kind Ⓓ dry

58 - B

- Ⓐ ran Ⓑ sang Ⓒ sat Ⓓ put

59 - C

- Ⓐ chair Ⓑ cast Ⓒ crash Ⓓ knee

60 - D

- Ⓐ ticket Ⓑ scar Ⓒ plaster Ⓓ bruise

My name's Fred and I live in a big city with my parents. My sister's name is Sara. Last Friday, my friend, John,A..... to our house and we went to a park. We walked in the park and playedB..... We saw our friends David and Danny there. We came back home at 11 a.m. and watched aC..... on TV.

61 - A

- Ⓐ came Ⓑ went Ⓒ brought Ⓓ became

62 - B

- Ⓐ cast Ⓑ chess Ⓒ finger Ⓓ injury

63 - C

- Ⓐ station Ⓑ trip Ⓒ crash Ⓓ movie