



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 la fonction  $f$  est :  $D_f = \mathbb{R} - \{-1, 1\}$

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  $x-1 \neq 0$

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

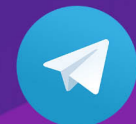
[www.20shoo.ir](http://www.20shoo.ir)

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



## Media

1 - A: Did you see your father this morning?

B: No, I ..... at home

- Ⓐ didn't                      Ⓑ am not                      Ⓒ weren't                      Ⓓ wasn't

2 - I was online and I participated in the .....

- Ⓐ tablet                      Ⓑ blog                      Ⓒ test                      Ⓓ plane

3 - Hoda and her friend .....

- Ⓐ was happy yesterday                      Ⓑ don't work hard  
Ⓒ installs the new program                      Ⓓ isn't studying English

4 - Which sentence is grammatically correct?

- Ⓐ The man's daughters is checking the map                      Ⓑ Our father were in the living room  
Ⓒ Does that girl cooks the New Year meal?                      Ⓓ Did MR. Johnson interview your sister?

5 - I ..... all the bread, so we should buy some more.

- Ⓐ enjoyed                      Ⓑ watched                      Ⓒ cleared                      Ⓓ used

6 - Did your grandparents and uncles ..... the TV program?

- Ⓐ attended                      Ⓑ attend                      Ⓒ attending                      Ⓓ attends

7 - You will automatically ..... updates by text message.

- Ⓐ receive                      Ⓑ give                      Ⓒ connect                      Ⓓ search

8 - ..... your sisters at school yesterday morning?

- Ⓐ Did                      Ⓑ Was                      Ⓒ Were                      Ⓓ Is

9 - The old people ..... in the park but there ..... no children there.

- Ⓐ were / were                      Ⓑ was / was                      Ⓒ were / was                      Ⓓ was / were

10 - Maryam: Do the students participate in that online course?

Zahra: No, .....

- Ⓐ They participate never in it.                      Ⓑ They don't never do it.  
Ⓒ They never do it.                      Ⓓ They don't never participate in it.

11 - Mr. Farhadi and his family ..... close the door of the house.

- Ⓐ weren't                      Ⓑ didn't                      Ⓒ aren't                      Ⓓ doesn't

12 - I am ..... movies. Last night I watched the reports ..... TV.

- Ⓐ interested in/on                      Ⓑ interesting in/in                      Ⓒ interested at/on                      Ⓓ interests on/in

13 - A: How did they help you?

B: .....

- |                                                          |                                                        |
|----------------------------------------------------------|--------------------------------------------------------|
| <input type="radio"/> Ⓐ They burned my hand.             | <input type="radio"/> Ⓒ They take care of me.          |
| <input type="radio"/> Ⓑ They put a plaster on the wound. | <input type="radio"/> Ⓓ They call the emergency (115). |

14 - A: How ..... your trip to Hamedan?

B: I really ..... it.

- |                                     |                                    |                                      |                                        |
|-------------------------------------|------------------------------------|--------------------------------------|----------------------------------------|
| <input type="radio"/> Ⓐ was / liked | <input type="radio"/> Ⓑ did / like | <input type="radio"/> Ⓒ were / likes | <input type="radio"/> Ⓓ is / am liking |
|-------------------------------------|------------------------------------|--------------------------------------|----------------------------------------|

15 - The man connected to the Internet and ..... Information Technology at work.

- |                              |                             |                               |                              |
|------------------------------|-----------------------------|-------------------------------|------------------------------|
| <input type="radio"/> Ⓐ used | <input type="radio"/> Ⓑ use | <input type="radio"/> Ⓒ using | <input type="radio"/> Ⓓ uses |
|------------------------------|-----------------------------|-------------------------------|------------------------------|

16 - Which sentence is grammatically WRONG?

- |                                                                   |                                                                     |
|-------------------------------------------------------------------|---------------------------------------------------------------------|
| <input type="radio"/> Ⓐ One of my brothers were in the room.      | <input type="radio"/> Ⓒ The boys' mother was not in the kitchen.    |
| <input type="radio"/> Ⓑ Did his sister buy that interesting book? | <input type="radio"/> Ⓓ Why did you attend that Television Program? |

17 - Maryam was not OK. She needed to .....

- |                              |                                 |                               |                               |
|------------------------------|---------------------------------|-------------------------------|-------------------------------|
| <input type="radio"/> Ⓐ rest | <input type="radio"/> Ⓑ connect | <input type="radio"/> Ⓒ visit | <input type="radio"/> Ⓓ close |
|------------------------------|---------------------------------|-------------------------------|-------------------------------|

18 - That boy and his best friend ..... connect to the Internet.

- |                                |                                 |                                 |                                |
|--------------------------------|---------------------------------|---------------------------------|--------------------------------|
| <input type="radio"/> Ⓐ wasn't | <input type="radio"/> Ⓑ doesn't | <input type="radio"/> Ⓒ weren't | <input type="radio"/> Ⓓ didn't |
|--------------------------------|---------------------------------|---------------------------------|--------------------------------|

19 - Let's ..... the anti-virus program now.

- |                                    |                                   |                                    |                                 |
|------------------------------------|-----------------------------------|------------------------------------|---------------------------------|
| <input type="radio"/> Ⓐ installing | <input type="radio"/> Ⓑ installed | <input type="radio"/> Ⓒ to install | <input type="radio"/> Ⓓ install |
|------------------------------------|-----------------------------------|------------------------------------|---------------------------------|

20 - Reza ..... swim well yesterday but today he ..... well.

- |                                              |                                        |                                        |                                             |
|----------------------------------------------|----------------------------------------|----------------------------------------|---------------------------------------------|
| <input type="radio"/> Ⓐ didn't / is swimming | <input type="radio"/> Ⓑ wasn't / swims | <input type="radio"/> Ⓒ doesn't / swim | <input type="radio"/> Ⓓ isn't / is swimming |
|----------------------------------------------|----------------------------------------|----------------------------------------|---------------------------------------------|

21 - What ..... ?

- |                                                   |                                                 |
|---------------------------------------------------|-------------------------------------------------|
| <input type="radio"/> Ⓐ you downloaded last week  | <input type="radio"/> Ⓒ was in the brown bag    |
| <input type="radio"/> Ⓑ did your father yesterday | <input type="radio"/> Ⓓ your friend can do well |

22 - Which sentence is grammatically correct?

- |                                                        |                                                            |
|--------------------------------------------------------|------------------------------------------------------------|
| <input type="radio"/> Ⓐ We were look at the newsstand. | <input type="radio"/> Ⓒ They sometimes travels in summer.  |
| <input type="radio"/> Ⓑ Let's see that war movie now.  | <input type="radio"/> Ⓓ There were a river in the village. |

23 -

در متن زیر چند غلط‌گرماری وجود دارد؟

My grandparent live in a mountain village. I usually go there and stay with him. We has a good time together.

- |                             |                             |                               |                              |
|-----------------------------|-----------------------------|-------------------------------|------------------------------|
| <input type="radio"/> Ⓐ one | <input type="radio"/> Ⓑ two | <input type="radio"/> Ⓒ three | <input type="radio"/> Ⓓ four |
|-----------------------------|-----------------------------|-------------------------------|------------------------------|

24 - My sister's first birthday was a big ..... for my family.

- |                                 |                               |                              |                                |
|---------------------------------|-------------------------------|------------------------------|--------------------------------|
| <input type="radio"/> Ⓐ service | <input type="radio"/> Ⓑ event | <input type="radio"/> Ⓒ blog | <input type="radio"/> Ⓓ course |
|---------------------------------|-------------------------------|------------------------------|--------------------------------|



25 - The radio stations, television stations, and newspapers that give information to people are .....

- Ⓐ reports                      Ⓑ media                      Ⓒ money                      Ⓓ events

26 -

در متن زیر چند غلط گرامری وجود دارد؟

Last year, I attend the International Film Festival. It was great! I really loved it. I also learned many things about filmmaking.

- Ⓐ one                      Ⓑ two                      Ⓒ three                      Ⓓ four

27 - The school ..... my address to you, not to your brother.

- Ⓐ texted                      Ⓑ text                      Ⓒ texting                      Ⓓ are texting

28 - All my students always ..... in classroom activities.

- Ⓐ attend                      Ⓑ interview                      Ⓒ participate                      Ⓓ receive

29 - They are ..... that movie at a cinema near my house.

- Ⓐ happening                      Ⓑ participating                      Ⓒ interviewing                      Ⓓ showing

30 - The ceremony was a ..... for girls.

- Ⓐ party                      Ⓑ history                      Ⓒ channel                      Ⓓ mobile

31 - The girls attended the party but the boys ..... there.

- Ⓐ didn't                      Ⓑ wasn't                      Ⓒ don't                      Ⓓ weren't

32 - ..... any old buildings in that city?

- Ⓐ Are there                      Ⓑ Was there                      Ⓒ Is it                      Ⓓ Are they

33 - Many years ago, there ..... many bridges here but now there ..... one.

- Ⓐ are / is                      Ⓑ was / is                      Ⓒ were / 's                      Ⓓ are / was

34 - My brother typed the text in the morning and I ..... it in the afternoon.

- Ⓐ edited                      Ⓑ talk                      Ⓒ listened                      Ⓓ helped

35 - Young children ..... helping around the house.

- Ⓐ enjoy                      Ⓑ clear                      Ⓒ download                      Ⓓ text

36 - Today, Mary has an ..... for a job in Paris.

- Ⓐ antivirus                      Ⓑ emergency                      Ⓒ interview                      Ⓓ event

37 - My brother sends and ..... many emails every week.

- Ⓐ receive                      Ⓑ received                      Ⓒ receiving                      Ⓓ receives

38 - Saturday ..... a great day but we didn't ..... Sunday.

- Ⓐ were / enjoying                      Ⓑ was / enjoy                      Ⓒ did / enjoyed                      Ⓓ is / enjoys

39 - Did you know that the international events were reported in the ..... ?

- Ⓐ movies                      Ⓑ moments                      Ⓒ media                      Ⓓ dictionaries



40 - What time did ..... ?

- Ⓐ they started the game   Ⓑ you interview him   Ⓒ she comes home   Ⓓ the postman's calling

41 - My brothers were at home on Friday, but my sister .....

- Ⓐ weren't   Ⓑ didn't   Ⓒ wasn't   Ⓓ isn't

42 - We need to ask Mr. Smith a question. Let's ..... to him.

- Ⓐ attend a program   Ⓑ send an email   Ⓒ surf the Net   Ⓓ enjoy the game

43 - A: Do you use IT at work?   B: Yes, .....

- Ⓐ I go to work every day.   Ⓑ I work with a computer.  
Ⓒ What about going to work?   Ⓓ What a wonderful day!

44 - What ..... you do before 8:00 o'clock?

- Ⓐ were   Ⓑ was   Ⓒ did   Ⓓ are

45 - ..... six o'clock when we attended the ceremony.

- Ⓐ There is   Ⓑ There was   Ⓒ It is   Ⓓ It was

46 - I have some good ..... for you. Do you want to know them?

- Ⓐ fire   Ⓑ media   Ⓒ news   Ⓓ blood

47 - I'm not installing the program, I ..... it two days ago.

- Ⓐ am installing   Ⓑ installed   Ⓒ install   Ⓓ installs

48 - A: When were they here?

B: Their children ..... here at six but their parents ..... until seven.

- Ⓐ were / come   Ⓑ was / aren't coming   Ⓒ are / comes   Ⓓ were / didn't come

49 - I don't forget the ..... when I first saw him.

- Ⓐ message   Ⓑ weekend   Ⓒ moment   Ⓓ movie

50 - I'd like to write a ..... about travel.

- Ⓐ moment   Ⓑ match   Ⓒ fruit   Ⓓ blog

51 - There's a special ..... about health on TV tonight.

- Ⓐ environment   Ⓑ cinema   Ⓒ report   Ⓓ month

52 - Where ..... ?

- Ⓐ you see the war movie   Ⓑ were you this morning   Ⓒ does my father today   Ⓓ she's studying English

53 - Who ..... the TV channels?

- Ⓐ did change   Ⓑ does change   Ⓒ change   Ⓓ changed

Watching television is an interesting and fun activity. The word television is often shortened to TV.

On TV, you can watch many programs about different things. Some examples of TV programs are news, cartoons, sports events and movies.

You can learn a lot from watching TV, but you should not watch too much or you will hurt your eyes.

