



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  $f$  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

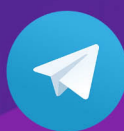
$$f(x) = \frac{3(x-1)^2}{(x+1)(x-1)(x-2)} \implies f(x) = \frac{3(x-1)}{(x+1)(x-2)}$$

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



20shoo.ir

Instagram



@ir20shoo

telegram



my abilities

www.20shoo.ir

1 - My brother can ..... good photos.

- 1 cook                       2 eat                       3 meet                       4 take

2 - Who can ..... the Web? I need some information.

- 1 search                       2 recite                       3 ride                       4 paint

3 - My friend is good at .....

- 1 making a cake  
 2 climbing a mountain  
 3 making coffee  
 4 writing reports



4 - I ..... pictures on Fridays.

- 1 draw                       2 drink                       3 eat                       4 come

5 - A: What do you do on the weekend?

B: I ..... my bicycle.

- 1 ride                       2 play                       3 do                       4 drive

6 - A: When do you ..... the Web?

B: Every evening.

- 1 paint                       2 write                       3 search                       4 type

7 -

A: ..... ?

B: All students can.

- 1 Who can work with a computer                       2 What do they do in the afternoons  
 3 Are they good at drawing                       4 When can you start

۸ - ترجمه کدام گزینه نادرست است؟

- 1 program: تمرین                       2 housewife: خانم خانداندار                       3 dentist: دندانپزشک                       4 drawing: ترسیم

۹ - دیکته واژگان زیر در کدام گزینه به طور کامل صحیح است؟

«کشور، خویشاوندان، داروخانه»

- 1 country-relatives-drugstore                       2 country-relaitives-dragstore  
 3 coantry-reletives-drugstor                       4 country-releteves- dragstor

10 - - ..... are you? I'm 11 years old.

- 1 What                       2 Who                       3 How old                       4 When

11 - We go to the gym to .....

- 1 play basketball                       2 make a cake                       3 cook food                       4 watch TV

12 - Let's go to the kitchen and .....

- 1) make coffee       2) ride a horse       3) play football       4) write a report

13 - I have a computer. I can ..... very well.

- 1) type       2) speak       3) run       4) ride

14 - Can you ..... the Holy Quran well?

- 1) study       2) recite       3) speak       4) talk

15 - Ali is ..... with his computer. He is searching the Web.

- 1) doing       2) working       3) playing       4) climbing

16 - A housewife is good at .....

- 1) writing a report       2) riding a horse       3) cooking food       4) running fast

17 - A journalist can ..... well.

- 1) speak English       2) play football       3) ride a bicycle       4) write a report

18 - A sportsman is good at .....

- 1) typing       2) running       3) cooking       4) drawing

19 - My dad is a ..... He can take photos well.

- 1) farmer       2) florist       3) driver       4) journalist

20 - Please ..... to my house this afternoon. I want to see you.

- 1) draw       2) paint       3) swim       4) come

21 - A: Excuse me. I ..... a question.

B: Yes, what is it?

- 1) play       2) draw       3) take       4) have

22 - A: Is Mina good at cooking?

B: No, she .....

- 1) can       2) isn't       3) is       4) can't

23 - A: What can you do?

B: .....

- 1) We are good at typing       2) We are playing badminton  
 3) I'm an Iranian student       4) I am in the living room

24 - A .....

B: Yes, he is.

- 1) Can he speak English?       2) Who can recite the Holy Quran?  
 3) Is Mobin good at telling stories?       4) Is she in the garage now?

25 - I can ..... my age.

- 1) say       2) cook       3) paint       4) drink

۲۶ - سؤال مناسب برای مکالمه زیر کدام است؟

A: .....

B: All students can.

1 Who can work with a computer

3 Are they good at drawing

2 What do they do in the afternoons

4 When can you start

۲۷ - ترجمه کدام واژه نادرست است؟

1 favorite: مورد علاقه

2 information: تلفظ

3 cough: سرفه کردن

4 swim: شنا کردن

۲۸ - در کدام گزینه فعل مناسب برای عبارت مورد نظر یافت نمی شود؟

1 write for a newspaper

2 take some photos

3 paint with a computer

4 ride coffee

29 -

کلمه های پرستشی مناسب برای سوالات زیر در کدام گزینه بدرستی آمده است؟

A) "..... is good at cooking?" "Maryam."

B) "..... sports can you do?" "I can play football."

1 Why - Who

2 Who - What

3 How - Who

4 Why - What

30 - The sound of double "o" is ..... in "football" and..... in "afternoon". (ترتیب واژگان مورد توجه)

1 short-short

2 short-long

3 long-short

4 long-long

31 - I'm going to ..... my room green.

1 cook

2 take

3 paint

4 swim

32 - A: Come to my house this afternoon.

B: Sorry. I can't ..... it today.

1 make

2 come

3 work

4 type

33 - A: Can you ..... your book to the library?

B: Sure.

1 wash

2 bring

3 wear

4 ride

34 - A: Is Mahin good at making a cake?

B: Yes, .....

1 Mahin is

2 is she

3 she's

4 she is

35 - A: Can Amir's sister ride a bicycle?

B: .....

1 Yes, she's good at it

2 Yes, he can do it well

3 No, Amir can't ride a bicycle

4 No, he can cook food

36 - I can ..... my family.

1 introduce

2 wash

3 swim

4 play

37 - Can you ..... a computer?

1 use

2 work

3 wash

4 tell

38 - Let's ..... some photos and ..... a report.

- (1) draw / make     
  (2) take / write     
  (3) have / do     
  (4) run / take

39 - My father is ..... a picture now.

- (1) printing     
  (2) cooking     
  (3) playing     
  (4) eating

40 - Who ..... good at working with a computer?

- (1) can     
  (2) be     
  (3) is     
  (4) am

41 - I have the ..... to drive, but I am sleepy.

- (1) nationality     
  (2) ability     
  (3) actuality     
  (4) activity

42 - "My cousin can play volleyball." I am talking about her .....

- (1) clothes     
  (2) height     
  (3) appearance     
  (4) ability

43 - Something that is hard to understand or explain is a / an " ....." .

- (1) color     
  (2) ability     
  (3) puzzle     
  (4) activity

44 - A picture made with a pen or pencil is called a/an .....

- (1) story     
  (2) cook     
  (3) photo     
  (4) drawing

45 - Can you ..... me your new cell phone number?

- (1) have     
  (2) meet     
  (3) call     
  (4) tell

46 - A: Please talk about your abilities. B: Well, I .....

- (1) am good at cooking     
  (2) go to library on Fridays     
  (3) am an Iranian student     
  (4) am from Japan

۴۷ - دیکته معادل انگلیسی واژگان زیر در کدام گزینه به طور صحیح آمده است؟  
«تلاوت کردن، تصویر، سؤال»

- (1) resite-picture-question     
  (2) recite-picture-question     
  (3) resait-picture-questien     
  (4) recaite-pictere-question

۴۸ - مرتب شده جمله به هم ریخته زیر در کدام گزینه به طور صحیح آمده است؟

"sports-play-can-what-you-?"

- (1) ?Sports what can you play     
  (2) ?What sports you can play     
  (3) ?Can you play what sports     
  (4) ?What sports can you play

49 -

افعال مناسب برای عبارات زیر به ترتیب کدامند؟

A: ..... a bicycle

B: ..... a story

C: ..... chess

- (1) ride-tell-play     
  (2) draw-cook-make     
  (3) run-take-search     
  (4) ride-speak-type

۵۰ - ترجمه کدام عبارت نادرست است؟

- (1) توصیه سلامتی: health advice     
  (2) موزه تاریخ ملی: natural history museum     
  (3) پارک مرکز شهر: city center park     
  (4) پل چوبی: wooden bridge