

**Started on** Tuesday, 19 April 2022, 09:49**State** In progress**Question 1**

Answer saved

Marked out of 1



Edit question

Turunan pertama dari fungsi  $f(x) = 4x^3 - 3x^2 - 5x + 2$  adalah..

Select one:

- $f'(x) = 4x^2 - 6x - 5$
- $f'(x) = 12x^2 - 6x - 5x + 2$
- $f'(x) = 4x^2 - 3x - 5$
- $f'(x) = 12x^2 - 6x - 5$
- $f'(x) = 12x^2 - 6x - 5x$

**Response history**

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 09:59	Saved: $f'(x) = 12x^2 - 6x - 5$	Answer saved	

**Question 2**

Answer saved

Marked out of 1



Edit question

Diketahui barisan aritmatika 64, 61, 58, ..., -14. Banyaknya suku pada barisan tersebut adalah

Select one:

- 22
- 20
- 27
- 24
- 23

**Response history**

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:01	Saved: 27	Answer saved	

**Question 3**

Answer saved

Marked out of 1



Edit question

Sebuah kubus ABCD.EFGH, panjang rusuknya 6 cm. Jika titik P terletak pada pusat kubus tersebut, maka jarak antara titik C dan P adalah...

Select one:

- 2
- $\frac{1}{3}\sqrt{3}$
- $2\sqrt{3}$
- $\frac{1}{2}\sqrt{3}$
- $3\sqrt{3}$

**Response history**

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:02	Saved: $(3\sqrt{3})$	Answer saved	

**Question 4**

Answer saved

Marked out of 1



Edit question

Tiga siswa dipilih dari 6 siswa putri dan 10 siswa putra .kemungkinan ketiga siswa yang dipilih semuanya putra adalah...

Select one:

- $\frac{17}{56}$
- $\frac{18}{56}$
- $\frac{15}{56}$
- $\frac{16}{56}$
- $\frac{19}{56}$

**Response history**

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:05	Saved: $(\frac{15}{56})$	Answer saved	

**Question 5**

Answer saved

Marked out of 1



Edit question

Hasil dari  $\int(3x + 2)^2 dx = \dots$

Select one:

- $3x^3 + 6x^2 + 4x + C$
- $3x^3 + x^2 + 6x + C$

- $9x^2 + 6x + 6 + C$
- $9x^2 + x + 6 + C$
- $9x^3 + 2x^2 + 6x + C$

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:06	Saved: $(3x^3+6x^2+4x+C)$	Answer saved	

### Question 6

Answer saved

Marked out of 1



Edit question

Suatu barisan geometri memiliki suku kedua dan suku keempat berturut – turut 18 dan 162. Suku keenam barisan tersebut adalah..

Select one:

- 972
- 1.458
- 1.236
- 512
- 486

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:09	Saved: 1.458	Answer saved	

### Question 7

Answer saved

Marked out of 1



Edit question

Nomor pegawai pada suatu pabrik terdiri atas tiga angka dengan angka pertama bukan nol. Banyak nomor pegawai yang ganjil adalah...

Select one:

- 425
- 85
- 450
- 345
- 64



## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	<b>19/04/22, 10:10</b>	<b>Saved: 450</b>	<b>Answer saved</b>	

### Question 8

Answer saved

Marked out of 1



Edit question

$$\lim_{x \rightarrow \infty} \frac{4x^4 + x^3 + 2x^2 - 3x + 5}{-2x^4 - 2x^3 + 5x + 4} = \dots$$

Select one:

- 2
- $-\infty$
- 2
- 0
- $\infty$

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	<b>19/04/22, 10:12</b>	<b>Saved: -2</b>	<b>Answer saved</b>	

### Question 9

Answer saved

Marked out of 1



Edit question

$$\lim_{x \rightarrow 0} \frac{x + \sqrt{x}}{\sqrt{x}} = \dots$$

Select one:

- 2
- 1
- 0
- 3
- $\sqrt{2}$

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	<b>19/04/22, 10:14</b>	<b>Saved: 1</b>	<b>Answer saved</b>	

**Question 10**

Answer saved

Marked out of 1



Edit question

Turunan pertama dari fungsi  $f(x) = 5x^2 - 3x^2$  di  $x=2$  adalah..

Select one:

- 17
- 16
- 18
- 14
- 23

**Response history**

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:22	Saved: 16	Answer saved	

**Question 11**

Answer saved

Marked out of 1



Edit question

Jika  $a = 27$  dan  $b = 32$ , maka nilai dari  $3 \left( a^{-\frac{1}{3}} \right) \times 4b^{\frac{2}{5}}$  adalah...

Select one:

- 1,6
- 2,5
- 25
- 16
- 0

**Response history**

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:23	Saved: 16	Answer saved	

**Question 12**

Answer saved

Marked out of 1



Edit question

 $\lim_{x \rightarrow -2} x^2 + 6x + 5 = \dots$ 

Select one:

- 13
- 3
- 11
- 11
- 3



## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:25	Saved: 11	Answer saved	

### Question 13

Answer saved  
Marked out of 1



Edit question

Diketahui  $A = \begin{bmatrix} -1 & -4 \\ 2 & 1 \\ 0 & 3 \end{bmatrix}$ ,  $B = \begin{bmatrix} -3 & 0 \\ 5 & 6 \\ -2 & -1 \end{bmatrix}$  dan  $C = \begin{bmatrix} 2 & 1 \\ -2 & -3 \\ 4 & 7 \end{bmatrix}$ . Matriks  $A - 3B + 2C$  adalah..

Select one:

- $\begin{bmatrix} -10 & -2 \\ 2 & -23 \\ 14 & 20 \end{bmatrix}$
- $\begin{bmatrix} -1 & -4 \\ 17 & -23 \\ 14 & 20 \end{bmatrix}$
- $\begin{bmatrix} 12 & -2 \\ -17 & -23 \\ 14 & 20 \end{bmatrix}$
- $\begin{bmatrix} 0 & -2 \\ -17 & 1 \\ 14 & 22 \end{bmatrix}$
- $\begin{bmatrix} -10 & -4 \\ 17 & 1 \\ 14 & 20 \end{bmatrix}$

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:28	Saved: $\begin{bmatrix} 0 & -2 \\ -17 & 1 \\ 14 & 22 \end{bmatrix}$	Answer saved	

### Question 14

Answer saved

Bentuk sederhana dari  $\frac{2}{\sqrt{12}-\sqrt{8}}$  adalah...

Marked out of 1



Edit question

Select one:

- $\sqrt{3} + \sqrt{2}$
- $\sqrt{3} - \frac{1}{5}\sqrt{2}$
- $2(\sqrt{3} - \sqrt{2})$
- $2\sqrt{3} - \sqrt{2}$
- $\frac{2}{4}(\sqrt{12} - \sqrt{8})$

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:29	Saved: $\left(\sqrt{3} - \frac{1}{5}\sqrt{2}\right)$	Answer saved	

### Question 15

Answer saved

Marked out of 1



Edit question

Simpangan baku dari data tunggal 5, 3, 5, 4, 6, dan 7 adalah...

Select one:

- $\frac{1}{2}\sqrt{2}$
- $\frac{1}{3}\sqrt{3}$
- $\frac{1}{3}\sqrt{5}$
- $\frac{1}{3}\sqrt{2}$
- $\frac{1}{3}\sqrt{15}$

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:30	Saved: $\left(\frac{1}{2}\sqrt{2}\right)$	Answer saved	

### Question 16

Answer saved

Marked out of 1



Edit question

Modus dari data 11, 15, 13, 15, 14, 11, 13, 15, 13, 12 adalah...

Select one:

- 13
- 11 dan 13

- 11
- Tidak punya modus
- 13 dan 15

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	<b>19/04/22, 10:31</b>	<b>Saved: 13 dan 15</b>	<b>Answer saved</b>	

### Question 17

Answer saved

Marked out of 1



[Edit question](#)

Invers dari matriks  $A = \begin{bmatrix} 2 & 3 \\ 5 & 7 \end{bmatrix}$  adalah..

Select one:

- $\begin{bmatrix} 5 & -2 \\ 3 & 7 \end{bmatrix}$
- $\begin{bmatrix} -7 & 3 \\ 5 & -2 \end{bmatrix}$
- $\begin{bmatrix} -5 & -2 \\ -3 & -7 \end{bmatrix}$
- $\begin{bmatrix} -7 & 3 \\ 5 & 2 \end{bmatrix}$
- $\begin{bmatrix} 7 & -3 \\ 5 & -2 \end{bmatrix}$

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	<b>19/04/22, 10:33</b>	<b>Saved: <math>\begin{bmatrix} -7 &amp; 3 \\ 5 &amp; 2 \end{bmatrix}</math></b>	<b>Answer saved</b>	

### Question 18

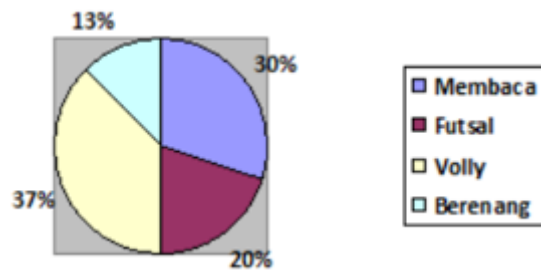
Answer saved

Marked out of 1



[Edit question](#)

Diagram berikut menggambarkan hobi dari 200 anak. Jumlah anak yang menggemari futsal adalah...



Select one:

- 50 orang
- 80 orang
- 40 orang
- 60 orang
- 70 orang

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:35	Saved: 40 orang	Answer saved	

### Question 19

Answer saved

Marked out of 1



Edit question

Hasil dari  $2A - A^2$  untuk  $A = \begin{bmatrix} -2 & 1 \\ 3 & 0 \end{bmatrix}$  adalah..

Select one:

- $\begin{bmatrix} 11 & 4 \\ 12 & 3 \end{bmatrix}$
- $\begin{bmatrix} -11 & 4 \\ 12 & -3 \end{bmatrix}$
- $\begin{bmatrix} -11 & -4 \\ 12 & -3 \end{bmatrix}$
- $\begin{bmatrix} -11 & 4 \\ -12 & -3 \end{bmatrix}$
- $\begin{bmatrix} -11 & 4 \\ 12 & 3 \end{bmatrix}$

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	

Step	Waktu	Action	State	Marks
2	19/04/22, 10:35	Saved: $\begin{bmatrix} -11 & 4 \\ 12 & 3 \end{bmatrix}$	Answer saved	

### Question 20

Answer saved

Marked out of 1



Edit question

Median dari data 7, 13, 16, 10, 11, 13, 10, 8, 16 adalah ...

Select one:

- 7
- 11,6
- 11
- 13
- 11,5

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:36	Saved: 11	Answer saved	

### Question 21

Answer saved

Marked out of 1



Edit question

Bentuk sederhana dari  $\frac{6}{4-2\sqrt{3}}$  adalah...

Select one:

- $3(2 + \sqrt{3})$
- $2(1 - \sqrt{3})$
- $2 + \sqrt{3}$
- $3(2 - \sqrt{3})$
- $2 - \sqrt{3}$

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:37	Saved: $3(2 + \sqrt{3})$	Answer saved	

### Question 22

Answer saved

Hasil dari  $\int (3x - 2)^2 dx = \dots$

Marked out of 1



Edit question

Select one:

- $3x^3 - 6x^2 + 4x + C$
- $9x^2 + 6x + 6 + C$
- $9x^3 - 2x^2 + 6x + C$
- $9x^2 - x + 6 + C$
- $3x^3 - x^2 + 6x + C$

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:38	Saved: $\backslash (3x^{\wedge}\{3\}-6x^{\wedge}\{2\}+4x+C\backslash)$	Answer saved	

### Question 23

Answer saved

Marked out of 1



Edit question

Turunan pertama dari fungsi  $f(x) = 5x^2 - 3x^2$  di  $x = 3$  adalah..

Select one:

- 23
- 18
- 14
- 36
- 27

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:41	Saved: 14	Answer saved	

### Question 24

Answer saved

Marked out of 1



Edit question

Jika  $x = a$  dan  $y = b$  merupakan penyelesaian sistem persamaan  $4y + y = 9$  dan  $x + 4y = 6$ , nilai dari  $2a - 3b$  adalah...

Select one:

- 2
- 0
- 1
- 2

-1

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	<b>19/04/22, 10:42</b>	<b>Saved: 1</b>	<b>Answer saved</b>	

### Question 25

Answer saved

Marked out of 1



Edit question

Tabel berikut merupakan data hasil ulangan matematika di suatu kelas.

Nilai	Frekuensi
50-52	5
53-55	17
56-58	14
59-61	10
62-64	4

Rata-rata dari data tersebut adalah...

Select one:

- 59,46
- 57,46
- 56,46
- 58,46
- 55,46

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	<b>19/04/22, 10:43</b>	<b>Saved: 56,46</b>	<b>Answer saved</b>	

### Question 26

Answer saved

Marked out of 1



Edit question

Berikut ini yang termasuk pasangan Sistem Persamaan Linier Dua Variabel adalah ...

Select one:

- $3p - q - 9 = 0$  dan  $4a + b - 8 = 0$
- $2x + y = 6$  dan  $x(x - 3) = y$
- $p + q + z = 6$  dan  $2a + b = 2$
- $3p + q = 6$  dan  $4a + b = 8$
- $2x + y = 6$  dan  $x - 3 = y$

^

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:45	Saved: $2x + y = 6$ dan $x - 3 = y$	Answer saved	

### Question 27

Answer saved

Marked out of 1



Edit question

Jika  $\log 2 = p$  dan  $\log 3 = q$ , nilai dari  $\log 24$  adalah...

Select one or more:

- $p^2 q$
- $2p + q^2$
- $3p + q$
- $\sqrt{pq^2}$
- $p + 2q$

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:48	Saved: $\sqrt{2p+q^2}$	Answer saved	

### Question 28

Answer saved

Marked out of 1



Edit question

$\lim_{x \rightarrow 2} x^2 + 6x + 5 = \dots$

Select one:

- 21
- 3
- 21
- 13
- 3

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:48	Saved: 3	Answer saved	

**Question 29**

Answer saved

Marked out of 1



Edit question

Hasil dari  $2A - A^2$  untuk  $A = \begin{bmatrix} -2 & 1 \\ 3 & 0 \end{bmatrix}$  adalah...

Select one:

- $\begin{bmatrix} -11 & 4 \\ -12 & -3 \end{bmatrix}$
- $\begin{bmatrix} 11 & 4 \\ 12 & 3 \end{bmatrix}$
- $\begin{bmatrix} -11 & -4 \\ 12 & -3 \end{bmatrix}$
- $\begin{bmatrix} -11 & 4 \\ 12 & -3 \end{bmatrix}$
- $\begin{bmatrix} -11 & 4 \\ 12 & 3 \end{bmatrix}$

**Response history**

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:50	Saved: $\begin{bmatrix} -11 & 4 \\ 12 & -3 \end{bmatrix}$	Answer saved	

**Question 30**

Answer saved

Marked out of 1



Edit question

Modus dari data 11, 11, 13, 15, 14, 11, 13, 15, 13, 12 adalah...

Select one:

- Tidak punya modus
- 13
- 11 dan 13
- 11
- 13 dan 15

**Response history**

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:50	Saved: 11 dan 13	Answer saved	

**Question 31**

Answer saved

Marked out of 1



Edit question

$$\lim_{x \rightarrow 0} \frac{x - \sqrt{x}}{\sqrt{x}} = \dots$$

Select one:

- 0
- 1
- 1
- 3
- $\sqrt{2}$

**Response history**

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:51	Saved: 0	Answer saved	

**Question 32**

Answer saved

Marked out of 1



Edit question

Simpangan rata-rata dari data 12, 10, 10, 10, 12, 14, 14, dan 14 adalah...

Select one:

- 1
- 2
- 3
- 1,5
- 2,5

**Response history**

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:52	Saved: 1,5	Answer saved	

**Question 33**

Answer saved

Marked out of 1



Edit question

$$\text{Hasil dari } \int 4x^3 - 4x + 2dx = \dots$$

Select one:

- $x^4 - 2x^2 + 2x + C$
- $x^3 - 2x^2 + 2 + C$
- $3x^4 - 4x^2$
- $3x^3 - 4x^2 + 2$



$x^4 - 2x^2 + 2x + C$

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:53	Saved: $(x^4 - 2x^2 + 2x + C)$	Answer saved	

### Question 34

Answer saved

Marked out of 1



Edit question

Dari seperangkat kartu bridge diambil sebuah kartu secara acak. Peluang yang terambil kartu As adalah...

Select one:

- 3/52
- 4/52
- 2/52
- 1/52
- 5/52

## Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:49	Started	Not yet answered	
2	19/04/22, 10:54	Saved: 4/52	Answer saved	

### Question 35

Answer saved

Marked out of 1



Edit question

Dalam percobaan pelemparan sebuah dadu setimbang, A menyatakan kejadian munculnya mata dadu bilangan ganjil. Peluang kejadian A adalah...

Select one:

- $\frac{1}{4}$
- $\frac{1}{2}$
- $\frac{1}{4}$
- $\frac{1}{3}$
- $\frac{1}{6}$

## Response history

<b>Step</b>	<b>Waktu</b>	<b>Action</b>	<b>State</b>	<b>Marks</b>
1	19/04/22, 09:49	Started	Not yet answered	
<b>2</b>	<b>19/04/22, 10:59</b>	<b>Saved: ¼</b>	<b>Answer saved</b>	

Finish review