

**Started on** Tuesday, 19 April 2022, 09:57**State** In progress**Question 1**

Answer saved

Marked out of 1



Edit question

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

Select one:

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

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:02	Saved: $\begin{bmatrix} -5 & -2 \\ -3 & -7 \end{bmatrix}$	Answer saved	

Question 2

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, 09:57	Started	Not yet answered	
2	19/04/22, 10:03	Saved: $\begin{bmatrix} -11 & 4 \\ 12 & 3 \end{bmatrix}$	Answer saved	

Question 3

Answer saved

Marked out of 1



Edit question

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

Select one:

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

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:04	Saved: $(3x^3 + 6x^2 + 4x + C)$	Answer saved	

Question 4

Answer saved

Marked out of 1



Edit question

Diketahui $\begin{bmatrix} 6 & 2a + b \\ 3a & b + 2c \end{bmatrix} + \begin{bmatrix} -8 & 2 \\ 0 & -3 \end{bmatrix} = \begin{bmatrix} -2 & 5 \\ 3 & 2 \end{bmatrix}$. Nilai $b + 2c = \dots$

Select one:

- 1
- 5
- 5
- 1
- 3

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:06	Saved: 3	Answer saved	

Question 5

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:

- $-\infty$
- 2
- 2
- ∞
- 0

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:06	Saved: 2	Answer saved	

Question 6

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:

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

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:07	Saved: $\left(\frac{16}{56}\right)$	Answer saved	

Question 7

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
- 25
- 2,5
- 16
- 0

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:08	Saved: 16	Answer saved	

Question 8

Answer saved

Marked out of 1



Edit question

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

Select one:

- 24
- 27
- 20
- 23
- 22

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:08	Saved: 27	Answer saved	

Question 9

Answer saved

Marked out of 1



Edit question

Nina Akan melakukan perjalanan ke Kota Batu. Jika dari Yogyakarta ke Surabaya terdapat 2 jalan, Surabaya ke Batu terdapat 3 jalan, atau dari Yogyakarta ke Blitar terdapat 4 jalan dan dari Blitar ke Batu terdapat 2 jalan, banyaknya cara perjalanan Nina dari Yogyakarta ke Batu yang mungkin dilakukan, dengan ketentuan perjalanan Pergi Pulang (PP) boleh melewati jalur yang sama adalah ...

Select one:

- 132
- 196

- 14
- 84
- 56

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:09	Saved: 14	Answer saved	

Question 10

Answer saved

Marked out of 1



[Edit question](#)

Dibawah ini yang merupakan persamaan linier dua variabel adalah...

Select one:

- $2x + 7 = 9$
- $x^2 - 3xy + 2y^2 = 0$
- $2x + 3y - 4xy = 0$
- $3x + 5y - 6 = 0$
- $2x + 3y - 4z = 0$

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:10	Saved: $(3x+5y-6=0)$	Answer saved	

Question 11

Answer saved

Marked out of 1



[Edit question](#)

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

Select one:

- 11
- 3
- 11
- 13
- 3

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:11	Saved: -3	Answer saved	

Question 12

Answer saved
Marked out of 1



Edit question

Suatu perusahaan penerbitan buku memproduksi buku agenda dengan biaya Rp5.000,00 per buku dan biaya operasional sebesar Rp2.500.000,00. Buku agenda tersebut akan dijual seharga Rp7.500,00 per buku. Agar perusahaan mendapat untung Rp10.000.000,00, banyak buku yang harus dijual adalah..

Select one:

- 5.000 buku
- 5.500 buku
- 4.000 buku
- 6.000 buku
- 4.500 buku

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:12	Saved: 4.000 buku	Answer saved	

Question 13

Answer saved
Marked out of 1



Edit question

Risna menabung di bank pada bulan Januari 2021 sebesar Rp 350.000,00 begitu seterusnya dengan penambahan tetap. Jumlah tabungan Risna selama tahun 2021 adalah...

Select one:

- Rp 5.850.000,00
- Rp 3.750.000,00
- Rp 6.000.000,00
- Rp 6.750.000,00
- Rp 4.200.000,00

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:14	Saved: Rp 4.200.000,00	Answer saved	

Question 14

Answer saved

Marked out of 1

[Edit question](#)

Diketahui fungsi kuadrat $f(x) = 8 + 6x - x^2$. Koordinat titik puncak grafik fungsi kuadrat tersebut adalah ...

Select one:

- (3, 17)
- (3, 17)
- (-3, 18)
- (-3, 17)
- (-3, 20)

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:16	Saved: (3, 17)	Answer saved	

Question 15

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

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:16	Saved: $(3\sqrt{3})$	Answer saved	

Question 16

Answer saved

Marked out of 1

[Edit question](#)

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

Select one:

- 16
- 17
- 23

18

14

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:17	Saved: 17	Answer saved	

Question 17

Answer saved

Marked out of 1



Edit question

Tabel berikut merupakan data hasil ulangan matematika di suatu kelas

Nilai	Frekuensi
41-50	4
51-60	6
61-70	7
71-80	10
81-90	9
91-100	4

Rata-rata dari data tersebut adalah..

Select one:

78,0

72

73,5

72,5

74,5

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:18	Saved: 78,0	Answer saved	

Question 18

Answer saved

Marked out of 1



Edit question

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

Select one:

$\sqrt{3} + \sqrt{2}$

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

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

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

$\frac{2}{4}(\sqrt{12} - \sqrt{8})$

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:18	Saved: $\left(\frac{2}{4}\left(\sqrt{12}-\sqrt{8}\right)\right)$	Answer saved	

Question 19

Answer saved

Marked out of 1



Edit question

Jika ${}^9\log 8 = 3m$, nilai ${}^4\log 3 = \dots$

Select one or more:

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

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:20	Saved: $\left(\frac{1}{4m}\right)$	Answer saved	

Question 20

Answer saved

Marked out of 1



Edit question

Dalam percobaan pelemparan sebuah dadu setimbang, K menyatakan kejadian munculnya mata dadu bilangan genap. Peluang kejadian K adalah...

Select one:

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

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:21	Saved: ½	Answer saved	

Question 21

Answer saved

Marked out of 1



Edit question

Nilai dari ${}^2\log 24 + {}^2\log 3 - {}^2\log 9$ adalah...

Select one:

- 2
 3
 5
 6
 4

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:21	Saved: 3	Answer saved	

Question 22

Answer saved

Marked out of 1



Edit question

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

Select one:

- 3
 -3
 ∞
 0
 $-\infty$

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:21	Saved: 3	Answer saved	

Question 23

Answer saved

Harga 2 komponen radio dan 3 komponen televisi adalah Rp 28.000,00, sedangkan harga 3 komponen radio dan 1 komponen televisi adalah Rp 21.000,00. David akan membeli 1

Marked out of 1



Edit question

komponen radio dan 2 komponen televisi, David harus membayar...

Select one:

- Rp 16.000,00
- Rp 17.000,00
- Rp 10.000,00
- Rp 18.000,00
- Rp 15.000,00

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:22	Saved: Rp 17.000,00	Answer saved	

Question 24

Answer saved

Marked out of 1



Edit question

Diketahui $A = \begin{bmatrix} 2a & b & c \\ \frac{1}{2}d & d & -6 \end{bmatrix}$ dan $B = \begin{bmatrix} 4 & 3a & -2b \\ 6x & -2c & -b \end{bmatrix}$. Jika $A = B$, maka $x = \dots$

Select one:

- 2
- 2
- 4
- 6
- 6

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:23	Saved: 2	Answer saved	

Question 25

Answer saved

Marked out of 1



Edit question

Sebuah balok ABCD.EFGH memiliki panjang 4 cm, lebar 2 cm, dan tinggi 3 cm., maka jarak antara AD dan FG adalah...

Select one:

- 8
- 4
- 7
- 6

5

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:23	Saved: 4	Answer saved	

Question 26

Answer saved

Marked out of 1



Edit question

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

Select one:

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

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:24	Saved: 11 dan 13	Answer saved	

Question 27

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, 09:57	Started	Not yet answered	
2	19/04/22, 10:24	Saved: $\begin{bmatrix} -11 & 4 \\ 12 & 3 \end{bmatrix}$	Answer saved	

Question 28

Answer saved

Marked out of 1



Edit question

Diketahui $A = \begin{bmatrix} 4 & -5 \\ 5 & 2 \end{bmatrix}$, $B = \begin{bmatrix} 10 & -2 \\ 4 & 6 \end{bmatrix}$ dan $C = \begin{bmatrix} 7 & -5 \\ 1 & 3 \end{bmatrix}$. Matriks $2^a - B + C = \dots$

Select one:

- $\begin{bmatrix} 5 & -14 \\ 7 & 10 \end{bmatrix}$
- $\begin{bmatrix} 5 & -15 \\ 13 & 4 \end{bmatrix}$
- $\begin{bmatrix} 5 & -10 \\ 7 & -2 \end{bmatrix}$
- $\begin{bmatrix} 5 & -13 \\ 7 & 1 \end{bmatrix}$
- $\begin{bmatrix} 5 & -16 \\ 13 & -2 \end{bmatrix}$

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:25	Saved: $\begin{bmatrix} 5 & -10 \\ 7 & -2 \end{bmatrix}$	Answer saved	

Question 29

Answer saved

Marked out of 1



Edit question

Diagram berikut data pekerjaan orang tua siswa kelas X suatu SMK. Jika orang tua siswa sebanyak 180 orang, maka yang pekerjaannya sebagai buruh sebanyak ...



Select one:

- 10 orang
- 16 orang
- 18 orang
- 24 orang
- 15 orang

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:26	Saved: 18 orang	Answer saved	

Question 30

Answer saved

Marked out of 1



Edit question

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

Select one:

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

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:26	Saved: $\int(3x^3 - 6x^2 + 4x + C)$	Answer saved	

Question 31

Answer saved

Marked out of 1



Edit question

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

Select one:

- 21
- 3
- 13
- 3
- 21

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:27	Saved: -21	Answer saved	

Question 32

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:

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

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:27	Saved: $\frac{1}{2}$	Answer saved	

Question 33

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:

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

3

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:27	Saved: 1,5	Answer saved	

Question 34

Answer saved

Marked out of 1



Edit question

Jumlah deret geometri tak hingga adalah 10. Jika suku pertamanya 2, suku kedua deret tersebut adalah...

Select one:

1

$\frac{1}{5}$

$1\frac{1}{5}$

$1\frac{3}{5}$

$\frac{4}{5}$

Response history

Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 10:28	Saved: $(1\frac{3}{5})$	Answer saved	

Question 35

Answer saved

Marked out of 1



Edit question

Median dari data 6, 7, 3, 2, 2, 2, 5, 4, 8 adalah ...

Select one:

2

4

5

4,3

9

Response history

Step	Waktu	Action	State	Marks
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Step	Waktu	Action	State	Marks
1	19/04/22, 09:57	Started	Not yet answered	
2	19/04/22, 09:58	Saved: 2	Answer saved	

Finish review