



مكوس المشتقة للاختيار

7:00

* إذا كان ϕ (د) متصل على $[a, b]$ ليس ϕ (د)

8:00

مكوس المشتقة ϕ (د) إذا كان ϕ (د) يساوي ϕ (د)

9:00

مثال: حدد مكوس المشتقة ϕ (د) = $\frac{1}{x^2}$ على $[1, 5]$

10:00

ϕ (د) ليس له مكوس على هذه الفترة

11:00

لأنه غير متصل عند $x=0$.
مثال: ϕ (د) = $\frac{1}{x^2}$ على $[1, 5]$ علماً أن $\phi(1) = 1$

12:00

$$\phi(5) = \frac{1}{25}$$

13:00

$$\phi(1) = 1 = \phi(5) + 1 = 1 + \frac{1}{25} = \frac{26}{25}$$

14:00

$$\phi = \frac{26}{25}$$

15:00

$$\phi(5) = \frac{1}{25} = \phi(1) - 1 = \frac{26}{25} - 1 = \frac{1}{25}$$

16:00

مثال: أثبت أن ϕ (د) = $\sqrt{2-x}$ متصل على $[0, 2]$
لمشتقة ϕ (د) = $-\frac{1}{2\sqrt{2-x}}$

17:00

$$\frac{2 - \sqrt{2}}{\sqrt{2} \cdot \sqrt{2}} = (1 - \sqrt{2})$$

18:00

$$\frac{(1 - \sqrt{2}) \cdot 2}{\sqrt{2} \cdot \sqrt{2}} = (1 - \sqrt{2})$$

19:00

$$\phi(2) = \frac{(1 - \sqrt{2})}{\sqrt{2} \cdot \sqrt{2}} = (1 - \sqrt{2})$$

20:00

#

December 2018

S	2	9	16	23	30
M	3	10	17	24	31
T	4	11	18	25	
W	5	12	19	26	
T	6	13	20	27	
F	7	14	21	28	
S	1	8	15	22	29

January

S	6	13	20	27
M	7	14	21	28
T	1	8	15	22
W	2	9	16	23
T	3	10	17	24
F	4	11	18	25
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February

S	3	10	17	24
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S	2	9	16	23

تابع

مثال : أي من التالي يمثل مكوّنًا لمنتج

$v \in L_A \perp \iff v \in L_A = \langle v \rangle \iff v \in L_A \perp \iff v \in L_A$

$\sqrt{10} \sqrt{10}$
 $\sqrt{10}$

مثال : أي صفة التاليف يمثل مكوئاً مشتقة هـ (ص) =

۴) قاس + ظاس = قاسظ
 ۵) قاسظ - ظاس = قاس
 ۶) قاس - ظاس = قاسظ
 ۷) قاسظ - قاس = ظاس

دفعه خالص - خالص

$\sqrt{r^2 - x^2} = \sqrt{r^2 - x^2} + \sqrt{r^2 - x^2}$

$$v_{\text{Lip}} - v_{\text{Lör}} + v_{\text{Lip}} - v_{\text{Lör}} =$$

مثال : اذ $P_4 = P_0 + \frac{P_0}{4} = P_0(1 + \frac{1}{4}) = P_0(1.25)$

$$r = (1)^\circ p$$

$$w = (1)'' p$$

0.9 m

$$(r)_{\text{ش}} = (r)'_{\text{ش}}$$
$$(v)'_w = (v)''_p$$
$$C + \sqrt{p} = (\sqrt{p})'_{\rho}$$
$$\rho = (r-1)^{1/2}$$
$$W = P = (1)''_{10}$$
$$r = u + p$$

2004

1-2

ملاحظات

7:00

عدد المعلومات لأي اقتراح هو عدد الانهائي

8:00

١٠ مشتقات أي منها وطني عدد (س)
١١ الفرق بين أي مكوسين مشتقات اقتراح
وطني قيمة ثابتة

9:00

١٢ تشترك كل المعلومات مشتقات اقتراح في
الخصم الرضوي و تختلف في الثابت

10:00

١٣ نستطيع إيجاد أي مكوسين مشتقات
باستخدام عملية التكامل غير المحدود

11:00

مثال : إذا كان $h(x) = 3x^2 - 2x + 1$ ومكوسانه $H(x) = x^3 - x^2 + x + C$

12:00

١٤ $h(x) = 3x^2 - 2x + 1$ ومكوسانه $H(x) = x^3 - x^2 + x + C$

13:00

١٥ $h(x) = 3x^2 - 2x + 1$ ومكوسانه $H(x) = x^3 - x^2 + x + C$

14:00

١٦ $h(x) = 3x^2 - 2x + 1$ ومكوسانه $H(x) = x^3 - x^2 + x + C$

15:00

١٧ $h(x) = 3x^2 - 2x + 1$ ومكوسانه $H(x) = x^3 - x^2 + x + C$

16:00

مثال : في السؤال السابق إذا كان $h(x) = 3x^2 - 2x + 1$ ومكوسانه $H(x) = x^3 - x^2 + x + C$

17:00

١٨ $h(x) = 3x^2 - 2x + 1$ ومكوسانه $H(x) = x^3 - x^2 + x + C$

18:00

١٩ $h(x) = 3x^2 - 2x + 1$ ومكوسانه $H(x) = x^3 - x^2 + x + C$

19:00

20:00

December 2018

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F	1	8	15	22
S	2	9	16	23

٧:٠٠ مثال : إذا كان $\sqrt{3} - \sqrt{6} + 1 = (a + b\sqrt{3} + c\sqrt{6})$ فابحث عن قيم a, b, c

٨:٠٠ $\sqrt{3} - \sqrt{6} + 1 = (a + b\sqrt{3} + c\sqrt{6})$ فابحث عن قيم a, b, c

٩:٠٠ $\sqrt{3} - \sqrt{6} + 1 = (a + b\sqrt{3} + c\sqrt{6})$ فابحث عن قيم a, b, c

١٠:٠٠ $\sqrt{3} - \sqrt{6} + 1 = (a + b\sqrt{3} + c\sqrt{6})$ فابحث عن قيم a, b, c

١١:٠٠ $\sqrt{3} - \sqrt{6} + 1 = (a + b\sqrt{3} + c\sqrt{6})$ فابحث عن قيم a, b, c

١٢:٠٠ $\sqrt{3} - \sqrt{6} + 1 = (a + b\sqrt{3} + c\sqrt{6})$ فابحث عن قيم a, b, c

١٣:٠٠ $\sqrt{3} - \sqrt{6} + 1 = (a + b\sqrt{3} + c\sqrt{6})$ فابحث عن قيم a, b, c

١٤:٠٠ $\sqrt{3} - \sqrt{6} + 1 = (a + b\sqrt{3} + c\sqrt{6})$ فابحث عن قيم a, b, c

١٥:٠٠ $\sqrt{3} - \sqrt{6} + 1 = (a + b\sqrt{3} + c\sqrt{6})$ فابحث عن قيم a, b, c

١٦:٠٠ $\sqrt{3} - \sqrt{6} + 1 = (a + b\sqrt{3} + c\sqrt{6})$ فابحث عن قيم a, b, c

١٧:٠٠ $\sqrt{3} - \sqrt{6} + 1 = (a + b\sqrt{3} + c\sqrt{6})$ فابحث عن قيم a, b, c

١٨:٠٠ $\sqrt{3} - \sqrt{6} + 1 = (a + b\sqrt{3} + c\sqrt{6})$ فابحث عن قيم a, b, c

١٩:٠٠ $\sqrt{3} - \sqrt{6} + 1 = (a + b\sqrt{3} + c\sqrt{6})$ فابحث عن قيم a, b, c

٢٠:٠٠ $\sqrt{3} - \sqrt{6} + 1 = (a + b\sqrt{3} + c\sqrt{6})$ فابحث عن قيم a, b, c

كانون الثاني - يناير

January

10

الخميس

Thursday

الإثنين

٢٠٢٠/١٢/١٧

7:00

8:00

9:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

معلوم المشتقة للاقتران
نستطيع إيجاد مقلوب المشتقات أقتران باستخدام
التكامل غير المحدود

جد (س) د س = م (س) د + م
دالت التكامل
الاقتران
المقلوب
ثابت التكامل

جد (س) د س = م (س) د + م

قاعدة التكامل يلي المشتقات والمشتقات تلي التكامل
الخطا

مثال ١ إذا كانه جد س = $\frac{\sqrt{x}}{1+x}$ جد س (١)

جد (س) = $\frac{\sqrt{x}}{1+x}$

جد (١) = $\frac{x}{x}$

مثال ٢ جد $\frac{2}{\sqrt{x}(\sqrt{x}+1)}$

$\frac{2}{\sqrt{x}(\sqrt{x}+1)} = \frac{2}{\sqrt{x} + x}$

$\frac{2}{\sqrt{x} + x} = \frac{2}{\sqrt{x} + x} = \frac{2}{\sqrt{x} + x}$

مثال ٣ إذا كانه جد (س) د س = $\sqrt{x}(\sqrt{x} + (س) د + م)$

وكانه جد (١) = ١ جد س (١)

جد (س) د س = $\sqrt{x} + \sqrt{x} + (س) د + م$

December 2018	January	February
S 2 9 16 23 30	S 6 13 20 27	S 3 10 17 24
M 3 10 17 24 31	M 7 14 21 28	M 4 11 18 25
T 4 11 18 25	T 1 8 15 22 29	T 5 12 19 26
W 5 12 19 26	W 2 9 16 23 30	W 6 13 20 27
T 6 13 20 27	T 3 10 17 24 31	T 7 14 21 28
F 7 14 21 28	F 4 11 18 25	F 1 8 15 22
S 1 8 15 22 29	S 5 12 19 26	S 2 9 16 23

تابع

$$\sum_{i=1}^n \sqrt{w_i} - \sqrt{w} = D + \sqrt{w} + (r) \cdot 10 \quad V \dots$$
$$\begin{aligned} w-1 &= D+1+(1) \circ \\ D-1-S+w-1 &= (1) \circ \end{aligned}$$
$$V = \Delta = 1$$
$$D - \zeta + \sqrt{r} - \sqrt{r} - \sqrt{r} = (r)_{10}$$
$$11 + \sqrt[3]{5-3\sqrt{5}} = (1-\sqrt{5}) \cdot \theta$$
$$11 + 2 - 1 = (1-1) \omega$$

$7 = (1-1) \omega$

مثال ۵: اذ كانه $\{f_n(x)\}$ د $(\sqrt{x} + (-x))$ د $\sqrt{x} - \sqrt{p} + 1$ حدونه
د $f_1 = (1)$ د $f_2 = (11)$

$$1 + \sqrt{p - r} = 1 + \sqrt{r} + (r)_{10}$$
$$\sqrt{PT} - \sqrt{w} = \sqrt{r} + (\sqrt{w})_{io}$$
$$p_r - w = r + (1)'_{se}$$
$$\frac{1}{r_-} = \rho \frac{r_-}{r_+}$$
$$\boxed{\frac{1}{r} = a}$$
$$1 + \sqrt{\frac{1}{r} + \sqrt{\frac{1}{r}}} = 2 + \sqrt{\frac{1}{r}} + (\sqrt{\frac{1}{r}})$$
$$1 + \frac{1}{2} + 1 = 2 + 1 + (1) \rightarrow$$
$$\frac{0}{r} = \frac{0}{1} + 0$$
$$0 - \frac{0}{2} = 0$$

0 year = 9

F = 1

7:00

8:00

9:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

$$1 + \sqrt{\frac{1}{r}} + \sqrt{r} = \frac{0}{r} - \sqrt{r} + (1 - \sqrt{r})$$

$$1 + \frac{1}{r} + 1 = \frac{0}{r} - 1 + (1 - 1)$$

$$\frac{2}{r} - \frac{0}{r} + \frac{1}{r} = (1 - 1)$$

$$r = \frac{2}{r} = (1 - 1)$$

مثال: $\frac{1}{r} + \sqrt{r} = \sqrt{r} - \frac{1}{r}$

$$\frac{1}{r} + \sqrt{r} = \sqrt{r} - \frac{1}{r}$$

$$\frac{1}{r} + \sqrt{r} = \sqrt{r} - \frac{1}{r}$$

$$\frac{1}{r} + \sqrt{r} = \sqrt{r} - \frac{1}{r}$$

$$1 = \frac{1}{r}$$

$$\frac{1}{r} + \sqrt{r} = \sqrt{r} - \frac{1}{r}$$

$$\frac{1}{r} + \sqrt{r} = \sqrt{r} - \frac{1}{r}$$

$$1 - 1 = \frac{1}{r}$$

$$r = \frac{1}{r} - \frac{1}{r}$$

بجاء $r = \frac{1}{r}$. جاء $\frac{1}{r}$ (د)

مثال: إذا كان $\frac{1}{r} + \sqrt{r} = \sqrt{r} - \frac{1}{r}$

$$\frac{1}{r} + \sqrt{r} = \sqrt{r} - \frac{1}{r}$$

$$\frac{1}{r} + \sqrt{r} = \sqrt{r} - \frac{1}{r}$$

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تابع

13

٧ جمادى الأولى ١٤٤٠ هـ

الأحد

Sunday

الأثنين
١٦ / ٢ / ٢٠٢٠

7:00

$$\sqrt{r} \dot{\alpha} r + r \dot{\phi} \sqrt{r} = r - 120$$

8:00

[illegible]

9:00

$$v_r \wedge \xi - v_r^1 \wedge v_r^2 + v_r^3 \wedge r = (v_r)$$
$$\frac{\pi}{3} \cdot \frac{1}{2} \left\{ -\frac{\pi}{3} \cdot \frac{1}{2} \cdot \frac{\pi}{3} \cdot \frac{1}{2} + \frac{\pi}{3} \cdot \frac{1}{2} \cdot \frac{\pi}{3} \cdot \frac{1}{2} \right\} = \left(\frac{\pi}{3} \right) \cdot \frac{1}{2}$$

10:00

$$1 \times 2 - 1 \times 5 \times 2 + 2 \times 5 =$$

11:00

$$\xi - \Lambda + \Lambda =$$

Σ-17 =

12:00

$$15 = \left(\frac{\pi}{2}\right) \approx 1.57$$

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

البنك العربي
ARAB BANK

2019

كانون الثاني - يناير

January

14

٨ جمادى الأولى ١٤٤٠ هـ

الاثنين

Monday

الاثنين
٢٠٢٠/١٢/١٤

7:00

ورقة عمل (١)

١. بين ان $(s) = s^2 + s + 1$ هو مشتق

8:00

$(s) = s^2 + s + 1$

9:00

٢. $(s) = s^2 - s + 1$ هو مشتق

10:00

$(s) = s^2 - s + 1$

11:00

٣. $(s) = s^2 + s + 1$ هو مشتق

12:00

حد قيمته

13:00

٤. بين ان $(s) = s^2 + s + 1$ هو مشتق

14:00

٥. $(s) = s^2 + s + 1$ هو مشتق

15:00

٦. $(s) = s^2 + s + 1$ هو مشتق

16:00

$(s) = s^2 + s + 1$

17:00

18:00

19:00

20:00

December 2018

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7:00

حلول ورقة عمل (١)

V:..

8:00

$$\begin{aligned} \text{أ} \Rightarrow \text{م}(\text{س}) &= \text{جأ} + \text{ظأ} - \text{س} \\ \text{م}'(\text{س}) &= \text{ر} - \text{جأ} - \text{س} + \text{قأ} - \text{أ} \\ \text{م}'(\text{س}) &= \text{ر} - \text{جأ} + \text{ظأ} - \text{س} = \text{ص}(\text{س}) \end{aligned}$$

٨:٠٠

9:00

$$\text{م}'(\text{س}) = \text{ص}(\text{س})$$

٩:٠٠

#

10:00

I:..

$$\text{م}'(\text{أ}) = \text{ر} - \text{أ} = \text{م}'(\text{أ})$$

11:00

$$\text{ر} - \text{م}'(\text{س}) = \text{ص}(\text{س})$$

II:..

$$\text{م}'(\text{س}) = \text{ر} - \text{م}'(\text{س}) - \text{جأ} - \text{س} + \text{قأ} - \text{أ}$$

12:00

$$\text{م}'(\text{س}) = \text{ر} - \text{جأ} - \text{س} + \text{قأ} - \text{أ}$$

١٢:٠٠

$$\text{ر} - \text{م}'(\text{س}) = \text{جأ} - \text{س}$$

①

$$\text{ر} - \text{م}'(\text{س}) = \text{جأ} - \text{س}$$

13:00

$$\text{م}'(\text{س}) = \text{ص}(\text{س})$$

١٣:٠٠

$$\text{م}'(\text{س}) = \text{ر} - \text{جأ} - \text{س} + \text{قأ} - \text{أ} + \text{جأ} - \text{س} + \text{قأ} - \text{أ}$$

14:00

$$\text{م}'(\text{س}) = \text{ر} - \text{جأ} - \text{س} + \text{قأ} - \text{أ} + \text{جأ} - \text{س} + \text{قأ} - \text{أ}$$

١٤:٠٠

$$\text{م}'(\text{س}) = \text{ر} - \text{جأ} - \text{س} + \text{قأ} - \text{أ} + \text{جأ} - \text{س} + \text{قأ} - \text{أ}$$

15:00

$$\text{م}'(\text{س}) = \text{ر} - \text{جأ} - \text{س} + \text{قأ} - \text{أ} + \text{جأ} - \text{س} + \text{قأ} - \text{أ}$$

١٥:٠٠

$$\text{ر} - \text{م}'(\text{س}) = \text{جأ} - \text{س}$$

16:00

١٦:٠٠

$$\boxed{\text{ر} = \text{م}'(\text{س})}$$

17:00

١٧:٠٠

$$\text{ر} = \text{م}'(\text{س})$$

18:00

١٨:٠٠

$$\text{ر} - \text{م}'(\text{س}) = \text{جأ} - \text{س}$$

$$\text{ر} - \text{م}'(\text{س}) = \text{جأ} - \text{س}$$

19:00

١٩:٠٠

$$\boxed{\text{ر} = \text{م}'(\text{س})}$$

20:00

٢٠:٠٠

7:00 $\sqrt{p} + \sqrt{r} = \sqrt{r} + (\sqrt{r} + (\sqrt{r} - \sqrt{r}))$ $\sqrt{p} = (9)$ $\sqrt{r} = \sqrt{r}$

8:00 $\sqrt{p} + \sqrt{r} = \sqrt{r} + (\sqrt{r} + (\sqrt{r} - \sqrt{r}))$ $\sqrt{p} = (9)$ $\sqrt{r} = \sqrt{r}$

9:00 $\sqrt{p} + \sqrt{r} = \sqrt{r} + (\sqrt{r} + (\sqrt{r} - \sqrt{r}))$ $\sqrt{p} = (9)$ $\sqrt{r} = \sqrt{r}$

10:00 $\sqrt{p} = (9)$ $\sqrt{r} = \sqrt{r}$ $\sqrt{p} + 18 = 12 + (9)$ $\sqrt{r} = \sqrt{r}$

11:00 $\sqrt{p} + 18 = 12 + 7 \times 7$ $\sqrt{r} = \sqrt{r}$

12:00 $\sqrt{p} + 18 = 12 + 7 \times 7$ $\sqrt{r} = \sqrt{r}$

13:00 $\sqrt{p} = 7$ $\sqrt{r} = \sqrt{r}$ $\boxed{\sqrt{p} = \sqrt{r}}$

14:00 $\sqrt{p} + \sqrt{r} = \sqrt{r} + (\sqrt{r} + (\sqrt{r} - \sqrt{r}))$ $\sqrt{p} = (9)$ $\sqrt{r} = \sqrt{r}$

15:00 $\sqrt{p} = (9)$ $\sqrt{r} = \sqrt{r}$ $\sqrt{p} + \sqrt{r} = \sqrt{r} + (\sqrt{r} + (\sqrt{r} - \sqrt{r}))$ $\sqrt{p} = (9)$ $\sqrt{r} = \sqrt{r}$

16:00 $\sqrt{p} + \sqrt{r} = \sqrt{r} + (\sqrt{r} + (\sqrt{r} - \sqrt{r}))$ $\sqrt{p} = (9)$ $\sqrt{r} = \sqrt{r}$

17:00 $\sqrt{p} + \sqrt{r} = \sqrt{r} + (\sqrt{r} + (\sqrt{r} - \sqrt{r}))$ $\sqrt{p} = (9)$ $\sqrt{r} = \sqrt{r}$

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20:00 $\sqrt{p} + \sqrt{r} = \sqrt{r} + (\sqrt{r} + (\sqrt{r} - \sqrt{r}))$ $\sqrt{p} = (9)$ $\sqrt{r} = \sqrt{r}$

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T 6 13 20 27	T 3 10 17 24 31	T 7 14 21 28
F 7 14 21 28	F 4 11 18 25	F 1 8 15 22
S 1 8 15 22 29	S 5 12 19 26	S 2 9 16 23

7:00

$$0 + \left(\sqrt[3]{x} + \sqrt[3]{y} \right) \frac{1}{x} = \sqrt[3]{x} \left(\sqrt[3]{x} + \sqrt[3]{y} \right) \quad \text{V...}$$

$$\left(\sqrt[3]{1} + \sqrt[3]{7} \right) \left(\sqrt[3]{x} + \sqrt[3]{y} \right) \frac{1}{x} = \sqrt[3]{x} \left(\sqrt[3]{x} + \sqrt[3]{y} \right) \quad \text{A...}$$

8:00

$$\left(\sqrt[3]{1} + \sqrt[3]{7} \right) \left(\sqrt[3]{x} + \sqrt[3]{y} \right) \frac{1}{x} = \sqrt[3]{x} \left(\sqrt[3]{x} + \sqrt[3]{y} \right) \quad \text{9...}$$

10:00

$$\left(\sqrt[3]{1} + \sqrt[3]{7} \right) \frac{1}{x} = \sqrt[3]{x} \left(\sqrt[3]{x} + \sqrt[3]{y} \right) \quad \text{I...}$$

11:00

$$\left(1 + 7 \right) \frac{1}{x} = \left(1 \right) \sqrt[3]{x} \quad \text{II...}$$

$$8 \frac{1}{x} = \left(1 \right) \sqrt[3]{x}$$

12:00

$$30 - \sqrt[3]{p} - \frac{1}{x} = \sqrt[3]{x} \left(\sqrt[3]{x} + \sqrt[3]{y} \right) \quad \text{12...}$$

13:00

$$\text{حد } p \quad \frac{1}{x} = \left(0 \right) \sqrt[3]{x}$$

14:00

$$\sqrt[3]{p} - \sqrt[3]{x} = \sqrt[3]{x} \left(\sqrt[3]{x} + \sqrt[3]{y} \right) \quad \text{13...}$$

15:00

$$\sqrt[3]{p} - \sqrt[3]{x} = \left(\sqrt[3]{x} \right) \left(\sqrt[3]{x} + \sqrt[3]{y} \right) \quad \text{14...}$$

16:00

$$\sqrt[3]{p} - \sqrt[3]{x} = \left(\sqrt[3]{x} \right) \left(\sqrt[3]{x} + \sqrt[3]{y} \right) \quad \text{15...}$$

17:00

$$\left(\sqrt[3]{p} - \sqrt[3]{x} \right) - \left(\sqrt[3]{p} - \sqrt[3]{x} \right) = \left(\sqrt[3]{x} \right) \left(\sqrt[3]{x} + \sqrt[3]{y} \right) \quad \text{16...}$$

18:00

$$\sqrt[3]{p} + \sqrt[3]{x} - \sqrt[3]{p} - \sqrt[3]{x} = \left(\sqrt[3]{x} \right) \left(\sqrt[3]{x} + \sqrt[3]{y} \right) \quad \text{17...}$$

19:00

$$\sqrt[3]{p} - \sqrt[3]{x} = \left(\sqrt[3]{x} \right) \left(\sqrt[3]{x} + \sqrt[3]{y} \right) \quad \text{18...}$$

20:00

الجمعة

Friday

الاثنين

٢٠٢٠ / ١٧ / ١٧

٧:٠٠

7:00

$$(٥٠ - ٥ \times ١) = ٤٥$$

٨:٠٠

8:00

$$٤٥ - ١ = ٤٤$$

٩:٠٠

9:00

$$\frac{٤٤}{١} = ٤٤$$

١٠:٠٠

10:00

$$\boxed{٤٤ = ٤٤}$$

١١:٠٠

11:00

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12:00

١٣:٠٠

13:00

١٤:٠٠

14:00

١٥:٠٠

15:00

١٦:٠٠

16:00

١٧:٠٠

17:00

١٨:٠٠

18:00

١٩:٠٠

19:00

٢٠:٠٠

20:00

December 2018

S	2	9	16	23	30
M	3	10	17	24	31
T	4	11	18	25	
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January

S	6	13	20	27	
M	7	14	21	28	
T	1	8	15	22	29
W	2	9	16	23	30
T	3	10	17	24	31
F	4	11	18	25	
S	5	12	19	26	

February

S	3	10	17	24	
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	
S	2	9	16	23	

الغلاشاه
١٨ / ٥ / ٢٠٢٢ م

قواعد التكامل غير المحدود

$$\vec{v} + \vec{v} \cdot \vec{p} = \vec{v} \cdot \vec{p} \quad \text{?} \quad \Leftarrow$$

8:00

$$1 - \frac{1}{1 + i} = \frac{1 + i}{1 + i} - \frac{1}{1 + i} = \frac{i}{1 + i} \quad ? \leftarrow$$

9:00

$$\checkmark \rightarrow (v) \in P = \checkmark \rightarrow (v) \in P \quad \text{حاصل است}$$

10:00

$$\checkmark \rightarrow (v) \otimes ? \pm v \otimes (v) \otimes ? = (v) \otimes \pm (v) \otimes ?$$

11:00

$$2 + \sqrt{N} = \sqrt{N} \cdot 2 \in I$$

12:00

$$0 + \frac{v}{c} = v \rightarrow \frac{1}{c} \neq \infty$$

13:00

$$p + \frac{v}{o} = \frac{v}{o} \quad ? \quad \leftarrow m$$

14:00

$$D_4 \dashrightarrow \mathbb{P}^1 \subset \mathbb{P}^2$$

15:00

$$\frac{1}{2} + \sum \pi = \sum \pi \} \in \mathcal{O}_{10, \dots}$$

16:00

$$\begin{aligned} \gamma + \gamma^{\vee} &= \gamma^{\vee} \gamma \in \Gamma \\ \mapsto (v^{\vee} \gamma - v^{\vee} \bar{\gamma}) \in (-\sqrt{2}) \end{aligned}$$

17:00

$$2 + 1 = 3$$

18:00

$$\frac{0}{1} + \frac{7}{7} = 1 \rightarrow 1 \in \mathbb{Q}$$

19:00

$$\frac{D}{\mu} + \frac{1}{\mu} = D + \frac{1}{\mu} = \sqrt{2} \sqrt{\mu} \quad \text{19.}$$

20:00

$$\frac{P_L \epsilon_1 + \frac{1}{\epsilon_1}}{P_L \epsilon_1} \leftarrow \frac{1}{\epsilon_1} \rightarrow \frac{1}{\epsilon_1} \leftarrow \frac{1}{\epsilon_1}$$

$$D + \frac{0.0775}{0.08} =$$

7:00

$$D + \frac{1 + \sqrt{3}}{1 + \sqrt{3}} = \sqrt{3} \quad \text{?} \quad \leftarrow 7:00$$

8:00

$$\sqrt{3} \quad \text{?} \quad \leftarrow 8:00$$

9:00

$$D + \frac{1 - \sqrt{3}}{1 - \sqrt{3}} = \sqrt{3} \quad \text{?} \quad \leftarrow 9:00$$

10:00

$$\sqrt{3} \quad \text{?} \quad \leftarrow 10:00$$

11:00

$$D + \frac{\sqrt{3} - 1}{\sqrt{3} - 1} = \quad \leftarrow 11:00$$

12:00

$$\sqrt{3} \quad \text{?} \quad \leftarrow 12:00$$

13:00

$$D + \frac{\sqrt{3} + 1}{\sqrt{3} + 1} = \sqrt{3} \quad \text{?} \quad \leftarrow 13:00$$

14:00

$$D + \sqrt{3} + \sqrt{3} = \quad \leftarrow 14:00$$

15:00

$$\sqrt{3} \quad \text{?} \quad \leftarrow 15:00$$

16:00

$$D + \sqrt{9} - \sqrt{3} + \sqrt{3} - \sqrt{3} = \quad \leftarrow 16:00$$

17:00

$$D + \sqrt{9} - \sqrt{3} + \sqrt{3} - \sqrt{3} = \quad \leftarrow 17:00$$

18:00

$$\sqrt{3} \quad \text{?} \quad \leftarrow 18:00$$

19:00

$$\sqrt{3} \quad \text{?} \quad \leftarrow 19:00$$

20:00

$$\sqrt{3} \quad \text{?} \quad \leftarrow 20:00$$

December 2018

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January

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T	3	10	17	24
F	4	11	18	25
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February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

$$D + \frac{0}{2\sqrt{3}} \frac{4 \times 9}{0} + \frac{11}{1} \sqrt{3} - \frac{7}{11} =$$

$$D + \frac{0}{2\sqrt{3}} \frac{36}{0} + \frac{11}{1} \sqrt{3} - \frac{7}{11} =$$

7:00	مثال: $(2-\sqrt{2})(2+\sqrt{2})$ د	٧:٠٠
8:00	$(2-\sqrt{2})(2+\sqrt{2})$ د	٨:٠٠
9:00	$(4-\sqrt{2})$ د	٩:٠٠
10:00	$(16+\sqrt{8}-\sqrt{2})$ د	١٠:٠٠
11:00	$5 + \sqrt{16} + \frac{\sqrt{8}}{2} - \frac{\sqrt{2}}{3} =$	١١:٠٠
12:00	$9 + \sqrt{16} + \sqrt{8} + \frac{\sqrt{2}}{3} =$	١٢:٠٠
13:00	الممنوعات على المتغير	١٣:٠٠
14:00	١٤ الحذر ١٥ المقام	١٤:٠٠
15:00	١٦ الضرب ١٧ الضرب ١٨ الأقواس	١٥:٠٠
16:00	المقام	١٦:٠٠
17:00	حد واحد	١٧:٠٠
18:00	أكثر من حد	١٨:٠٠
19:00	المقام ليس	١٩:٠٠
20:00	منه عوامل	٢٠:٠٠
	السطح	
	نذهب للتعويض	
	والآن سنحسب الجبرائية	
	البنك العربي	
	ARAB BANK	

7:00

$$V_{\dots} \text{ مثال د } \frac{1 + \sqrt{1 + \frac{1}{x}}}{x}$$

8:00

$$A_{\dots} \text{ د } \frac{1 + \frac{1}{x} \left(\frac{1}{x} \right)}{\frac{0}{x} x} ?$$

9:00

$$Q_{\dots} \text{ د } \frac{1 + \frac{1}{x} x}{\frac{0}{x} x} ?$$

10:00

$$I_{\dots} \text{ د } (1 + \frac{1}{x} x) \frac{0}{x} x ?$$

11:00

$$II_{\dots} \text{ د } \left(\frac{0}{x} x + \frac{1}{x} + \frac{0}{x} \right) ?$$

12:00

$$I_{\dots} \text{ د } \left(\frac{0}{x} x + \frac{1}{x} \right) ?$$

13:00

$$I_{\dots} \text{ د } \frac{1}{x} + \frac{1}{x} x - \frac{1}{x} x =$$

14:00

$$I_{\dots} \text{ مثال د } \frac{x(x-1)}{x}$$

15:00

$$I_{\dots} \text{ د } \frac{x(x-1)}{x} ?$$

16:00

$$I_{\dots} \text{ د } (x^3 - \sqrt{6}x^3 - x^3\sqrt{6} + 1) ?$$

17:00

$$I_{\dots} \text{ د } (x^3 - \sqrt{12} - \sqrt{6} + 1) ?$$

18:00

$$I_{\dots} \text{ د } (x^2 - \frac{1}{x} - \sqrt{12} - \sqrt{6} + \frac{1}{x}) ?$$

19:00

$$I_{\dots} \text{ د } \frac{1}{x} + \frac{1}{x} - \frac{x}{x} - \frac{x}{x} + \frac{x}{x} =$$

20:00

$$I_{\dots} \text{ د } \frac{1}{x} + 1 - x + x^3 - x^3 + x^2 - x^2 =$$

$$(x^3 + x^2 + x^3 + x^3) = (x^3 + x^2)$$

December 2018

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January

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S	5	12	19	26

February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

نضع علامة السالب فيما بعد
الذي يكون فيه أس p فردي
لا حظ

كانون الثاني - يناير

January

23

١٧ جمادى الأولى ١٤٤٠ هـ

الأربعاء

Wednesday

الثلاثاء
٢٠٢٠/٢/١٨

7:00		٧:٠٠
8:00	$\frac{(1 - \sqrt{2})^2}{\sqrt{2}}$	٨:٠٠
9:00	$\frac{(1 + \sqrt{2})^2}{\sqrt{2}}$	٩:٠٠
10:00	$\frac{(3 - \sqrt{2})^2}{\sqrt{2}}$	١٠:٠٠
11:00		١١:٠٠
12:00	$\frac{(1 - \frac{1}{\sqrt{2}} - \frac{1}{\sqrt{2}})^2}{\frac{1}{\sqrt{2}}}$	١٢:٠٠
13:00	$\frac{(\frac{1}{\sqrt{2}} - \frac{3}{\sqrt{2}})^2}{\frac{1}{\sqrt{2}}}$	١٣:٠٠
14:00	$\frac{(\frac{5}{\sqrt{2}} + \frac{1}{\sqrt{2}} + \frac{1}{\sqrt{2}} - \frac{7}{\sqrt{2}})^2}{\frac{1}{\sqrt{2}}}$	١٤:٠٠
15:00	$\frac{(\frac{5}{\sqrt{2}} + \frac{11}{\sqrt{2}} - \frac{1}{\sqrt{2}})^2}{\frac{1}{\sqrt{2}}}$	١٥:٠٠
16:00		١٦:٠٠
17:00	$\frac{(\frac{5}{\sqrt{2}} + \frac{11}{\sqrt{2}} - \frac{1}{\sqrt{2}})^2}{\frac{1}{\sqrt{2}}}$	١٧:٠٠
18:00	$\frac{(\frac{5}{\sqrt{2}} + \frac{11}{\sqrt{2}} - \frac{1}{\sqrt{2}})^2}{\frac{1}{\sqrt{2}}}$	١٨:٠٠
19:00		١٩:٠٠
20:00	$\frac{0}{10} + \frac{14}{12} - \frac{12}{12} + \frac{72}{12} - \frac{64}{12} - \frac{10}{4} - \frac{2}{10}$	٢٠:٠٠

7:00

V...

8:00

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9:00

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10:00

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11:00

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12:00

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13:00

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19:00

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20:00

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December 2018

S	2	9	16	23	30
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January

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February

S	3	10	17	24	
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	
S	2	9	16	23	

الخميس
٢٠١٩/٢/٢٠

7:00

مثال: جـ $\frac{2\sqrt{2}-3}{11+\sqrt{2}-2\sqrt{2}}$

8:00

$\frac{(9+\sqrt{3}+\sqrt{2})(3-\sqrt{2})}{(9+\sqrt{3}-\sqrt{2})}$

9:00

$\frac{(9+\sqrt{3}-\sqrt{2})}{2}$

10:00

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

11:00

$\frac{2 + (\sqrt{3} - \frac{2}{2})}{2} =$

12:00

$\frac{2 + \sqrt{3} - \frac{2}{2}}{2} =$

13:00

مثال: جـ $\frac{2-\sqrt{2}+3}{2-\sqrt{2}}$

14:00

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

15:00

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

16:00

$\frac{(2+\sqrt{2}+\sqrt{2})}{2}$

17:00

$\frac{2 + (\sqrt{2} + \frac{2}{2} + \frac{3}{2})}{2} =$

18:00

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

19:00

مثال: جـ $\frac{\sqrt{2}\sqrt{2}-2}{1-\sqrt{2}}$

20:00

$\frac{(1-\sqrt{2})}{(1-\sqrt{2})}$

December 2018

S	2	9	16	23	30
M	3	10	17	24	31
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January

S		6	13	20	27
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T	3	10	17	24	31
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February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

تابع

7:00

$$V_{\infty} = \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}}$$

8:00

$$A_{\infty} = \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}}$$

9:00

$$Q_{\infty} = \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}}$$

10:00

$$I_{\infty} = \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}}$$

11:00

$$I_{\infty} = \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}} \quad \text{مثال: } \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}}$$

12:00

$$I_{\infty} = \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}} \quad \text{مثال: } \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}}$$

13:00

$$I_{\infty} = \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}} \quad \text{مثال: } \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}}$$

14:00

$$I_{\infty} = \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}} \quad \text{مثال: } \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}}$$

15:00

$$I_{\infty} = \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}} \quad \text{مثال: } \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}}$$

16:00

$$I_{\infty} = \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}} \quad \text{مثال: } \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}}$$

17:00

$$I_{\infty} = \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}} \quad \text{مثال: } \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}}$$

18:00

$$I_{\infty} = \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}} \quad \text{مثال: } \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}}$$

19:00

$$I_{\infty} = \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}} \quad \text{مثال: } \frac{c}{\sqrt{1 - \frac{v^2}{c^2}}}$$

20:00

7:00 $\sqrt{\dots}$ مثال : $\sqrt{(1+\sqrt{2})^0}$ د $\sqrt{\dots}$

8:00 $\sqrt{\dots}$ $\sqrt{(1+\sqrt{2})^7}$ د $\sqrt{\dots}$

9:00 $\sqrt{\dots}$ مثال : $\sqrt{(1+\sqrt{2})^0}$ د $\sqrt{\dots}$

10:00 $\sqrt{\dots}$ $\sqrt{(1+\sqrt{2})^0}$ د $\sqrt{\dots}$

11:00 $\sqrt{\dots}$ $\sqrt{(1+\sqrt{2})^0}$ د $\sqrt{\dots}$

12:00 $\sqrt{\dots}$ $\sqrt{(1+\sqrt{2})^0}$ د $\sqrt{\dots}$

13:00 $\sqrt{\dots}$ $\sqrt{(1+\sqrt{2})^0}$ د $\sqrt{\dots}$

14:00 $\sqrt{\dots}$ مثال : $\sqrt{(1+\sqrt{2})^0}$ د $\sqrt{\dots}$

15:00 $\sqrt{\dots}$ $\sqrt{(1+\sqrt{2})^0}$ د $\sqrt{\dots}$

16:00 $\sqrt{\dots}$ $\sqrt{(1+\sqrt{2})^0}$ د $\sqrt{\dots}$

17:00 $\sqrt{\dots}$ $\sqrt{(1+\sqrt{2})^0}$ د $\sqrt{\dots}$

18:00 $\sqrt{\dots}$ مثال : $\sqrt{(1+\sqrt{2})^0}$ د $\sqrt{\dots}$

19:00 $\sqrt{\dots}$ $\sqrt{(1+\sqrt{2})^0}$ د $\sqrt{\dots}$

20:00 $\sqrt{\dots}$ $\sqrt{(1+\sqrt{2})^0}$ د $\sqrt{\dots}$

December 2018						
S	2	9	16	23	30	
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January						
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February						
S	3	10	17	24		
M	4	11	18	25		
T	5	12	19	26		
W	6	13	20	27		
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F	1	8	15	22		
S	2	9	16	23		

7:00	مثال ٧:...	$\frac{1}{\sqrt{3}} \left(\frac{1}{\sqrt{3}} - \sqrt{3} \right)$
8:00	٨:...	$\frac{1}{\sqrt{3}} \left(\sqrt{3} - \frac{1}{\sqrt{3}} \right)$
9:00	٩:...	$\frac{1}{\sqrt{3}} \left(\sqrt{3} - \frac{1}{\sqrt{3}} \right)$
10:00	١٠:...	$\frac{1}{\sqrt{3}} \left(\frac{1}{\sqrt{3}} - \sqrt{3} \right)$
11:00	١١:...	$\frac{1}{\sqrt{3}} \left(\sqrt{3} - \frac{1}{\sqrt{3}} \right)$
12:00	١٢:...	$\frac{1}{\sqrt{3}} \left(\sqrt{3} - \frac{1}{\sqrt{3}} \right)$
13:00	١٣:...	$\frac{1}{\sqrt{3}} \left(\sqrt{3} - \frac{1}{\sqrt{3}} \right)$
14:00	١٤:...	$\frac{1}{\sqrt{3}} \left(\sqrt{3} - \frac{1}{\sqrt{3}} \right)$
15:00	١٥:...	$\frac{1}{\sqrt{3}} \left(\sqrt{3} - \frac{1}{\sqrt{3}} \right)$
16:00	١٦:...	$\frac{1}{\sqrt{3}} \left(\sqrt{3} - \frac{1}{\sqrt{3}} \right)$
17:00	١٧:...	$\frac{1}{\sqrt{3}} \left(\sqrt{3} - \frac{1}{\sqrt{3}} \right)$
18:00	١٨:...	$\frac{1}{\sqrt{3}} \left(\sqrt{3} - \frac{1}{\sqrt{3}} \right)$
19:00	١٩:...	$\frac{1}{\sqrt{3}} \left(\sqrt{3} - \frac{1}{\sqrt{3}} \right)$
20:00	٢٠:...	$\frac{1}{\sqrt{3}} \left(\sqrt{3} - \frac{1}{\sqrt{3}} \right)$

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20:00

$$\frac{(r-s)^2}{(r-s)^2} \rightarrow \frac{(r-s)^2}{(r-s)^2}$$

$$\frac{(r-s)^2}{(r-s)^2} \rightarrow \frac{(r-s)^2}{(r-s)^2}$$

$$\frac{(r-s)^2}{(r-s)^2} \rightarrow \frac{(r-s)^2}{(r-s)^2}$$

ملاحظات

١- (P, B) نقطة حرجية $\leftarrow$ $P = (P)$ $\leftarrow$ $B = (P)$

٢- (P, B) نقطة تماس $\leftarrow$ $P = (P)$ $\leftarrow$ $B = (P)$

٣- (P, B) نقطة انعطاف $\leftarrow$ $P = (P)$ $\leftarrow$ $B = (P)$

٤- إذا كانت الزوايا $\leftarrow$ $P = (P)$ $\leftarrow$ $B = (P)$

مثال: إذا كانت $P = (P)$ $\leftarrow$ $B = (P)$ وكان P لا يقترب من B (سا)
نقطة انعطاف أقصى عند (٢، ١) $\leftarrow$ $P = (P)$ $\leftarrow$ $B = (P)$

$$P = (2) \leftarrow B = (2)$$

$$P = 24 \leftarrow B = 24$$

$$P = (S) \leftarrow B = (S)$$

January

S	6	13	20	27
M	7	14	21	28
T	1	8	15	22
W	2	9	16	23
T	3	10	17	24
F	4	11	18	25
S	5	12	19	26

February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	
S	2	9	16	23	

تابع

شباط - فبراير

February

2

٢٧ جمادى الأولى ١٤٤٠ هـ

السبت

Saturday

الخميس
٢٠٢٠ / ٢ / ٢٠

7:00

$$\text{ص} = (\text{---}) \quad \sqrt{2} + \text{---} = \text{---}$$

8:00

$$\text{ص} = (\text{---}) \quad \sqrt{2} + \text{---} = \text{---}$$

9:00

$$\text{ص} = (\text{---}) \quad \sqrt{2} + \text{---} = \text{---}$$

10:00

$$\text{ص} = (\text{---}) \quad \sqrt{2} + \text{---} = \text{---}$$

11:00

$$\text{ص} = (\text{---}) \quad \sqrt{2} + \text{---} = \text{---}$$

12:00

$$\text{ص} = (\text{---}) \quad \sqrt{2} + \text{---} = \text{---}$$

13:00

$$\text{ص} = (\text{---}) \quad \sqrt{2} + \text{---} = \text{---}$$

14:00

$$\text{ص} = (\text{---}) \quad \sqrt{2} + \text{---} = \text{---}$$

15:00

$$\text{ص} = (\text{---}) \quad \sqrt{2} + \text{---} = \text{---}$$

16:00

$$\text{ص} = (\text{---}) \quad \sqrt{2} + \text{---} = \text{---}$$

17:00

$$\text{ص} = (\text{---}) \quad \sqrt{2} + \text{---} = \text{---}$$

18:00

19:00

20:00

7:00

تکامل الاقتضات الدائری

[illegible]

15:00

16:00

17:00

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19:00

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January

S		6	13	20	27
M		7	14	21	28
T	1	8	15	22	29
W	2	9	16	23	30
T	3	10	17	24	31
F	4	11	18	25	
S	5	12	19	26	

February

S		3	10	17	24
M		4	11	18	25
T		5	12	19	26
W		6	13	20	27
T		7	14	21	28
F	1	8	15	22	
S	2	9	16	23	

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

7:00

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20:00

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مثال: $\frac{1}{2} (جاس + حنا) = د$
 $\frac{1}{2} جاس + \frac{1}{2} حنا = د$

$$\frac{1}{2} + حنا = د$$

مثال: $\frac{1}{2} قاس (قاس + حنا) = د$

$$\frac{1}{2} قاس + \frac{1}{2} حنا = د$$

مثال: $\frac{1}{2} حنا = د$

$$\frac{1}{2} حنا = د$$

$$\frac{1}{2} حنا = د$$

$$\frac{1}{2} حنا = د$$

مثال: $\frac{1}{2} (قاس + حنا) = د$

$$\frac{1}{2} قاس + \frac{1}{2} حنا = د$$

$$\frac{1}{2} قاس + \frac{1}{2} حنا = د$$

$$\frac{1}{2} قاس + \frac{1}{2} حنا = د$$

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مثال : $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$ $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$ $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$ مثال : $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$ مثال : $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$ $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$ $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$ $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$ $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$ $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$ مثال : $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$ $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$ $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$

January

S	6	13	20	27
M	7	14	21	28
T	1	8	15	22
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T	3	10	17	24
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February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
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F	1	8	15	22
S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

تابع

Time	Activity	Page
7:00		V...
8:00	$\frac{1}{(x^2 + 1)}$	Λ...
9:00	$\frac{1}{(x^2 + 1)}$	9...
10:00	$\frac{1}{(x^2 + 1)}$	I...
11:00	$\frac{1}{(x^2 + 1)}$	II...
12:00	$\frac{1}{(x^2 + 1)}$	III...
13:00	$\frac{1}{(x^2 + 1)}$	IV...
14:00	$\frac{1}{(x^2 + 1)}$	V...
15:00	$\frac{1}{(x^2 + 1)}$	VI...
16:00	$\frac{1}{(x^2 + 1)}$	VII...
17:00	$\frac{1}{(x^2 + 1)}$	VIII...
18:00	$\frac{1}{(x^2 + 1)}$	IX...
19:00	$\frac{1}{(x^2 + 1)}$	X...
20:00	$\frac{1}{(x^2 + 1)}$	XI...

سابع

7:00

$$\frac{\text{حساب} \sqrt{2}}{\sqrt{2}} \cdot \sqrt{2} = \sqrt{2}$$

8:00

$$\frac{1}{\sqrt{2}} \cdot \sqrt{2} = 1$$

9:00

$$\frac{1}{\sqrt{2}} \cdot \sqrt{2} = 1$$

10:00

$$\frac{1}{\sqrt{2}} \cdot \sqrt{2} = 1$$

11:00

$$\frac{1}{\sqrt{2}} \cdot \sqrt{2} = 1$$

12:00

$$\frac{1}{\sqrt{2}} \cdot \sqrt{2} = 1$$

13:00

$$\frac{1}{\sqrt{2}} \cdot \sqrt{2} = 1$$

14:00

$$\frac{1}{\sqrt{2}} \cdot \sqrt{2} = 1$$

15:00

16:00

17:00

18:00

19:00

20:00

January

S	6	13	20	27
M	7	14	21	28
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February

S	3	10	17	24
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March

S	3	10	17	24	31
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T	5	12	19	26	
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T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

7:00

مثال ۲: $\frac{1}{x} \int \frac{1}{x} dx = \frac{1}{x} \ln|x| + C$

8:00

$$\therefore \left(\frac{1}{x} + \frac{1}{x^2} \right)^{10}$$

9:00

$$\rightarrow \left(\sqrt{1 + \frac{1}{x}} \right)$$

10:00

2. $\frac{1}{x} \ln x$

11:00

$$v = \frac{1}{2} \left(\frac{1}{2} - 1 \right) = -\frac{1}{4}$$

12:00

$$\rightarrow (\sqrt{2} - 1) \frac{1}{\lambda} \quad \text{if } \dots$$

13:00

$$\frac{p}{\rho} + \left(\frac{v^2}{2} - v_1^2 \right) \frac{1}{\rho} = \dots$$

14:00

$$(\sqrt{2} - 1) \frac{1}{r} = v^2 \quad | \epsilon \dots$$

15:00

$$(v_{\text{LSD}} + 1) \frac{1}{\epsilon} = v_{\text{LSD}}$$

16:00

مثال 2: 17...

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

17:00

✓ 2. ✓ 6 2

18:00

$$\left((1 - \frac{1}{r}) \right)^r$$

19:00

19...

20:00

$$\frac{\sqrt{LD+1}}{\sqrt{LD-1}} \times \frac{\sqrt{LD+1}}{\sqrt{LD-1}} \}$$

سابقہ

7:00

جاء جاس (١ + جاس) دس

8:00

جاء جاس (١ + جاس) دس

9:00

جاء

10:00

جاء + جاس جاس دس

11:00

جاء + $\frac{1}{2}$ جاس دس
جاس - $\frac{1}{2}$ جاس + دس

12:00

واجب د

13:00

جاء جاس دس

14:00

جاء جاس دس

15:00

جاء جاس دس

16:00

جاء جاس دس

17:00

جاء جاس (١ - جاس) دس
جاء جاس (جاس - جاس) دس

18:00

جاء جاس (جاس - جاس) دس

19:00

جاء جاس (جاس - جاس) دس

20:00

جاء جاس - جاس دس

January

S	6	13	20	27
M	7	14	21	28
T	1	8	15	22
W	2	9	16	23
T	3	10	17	24
F	4	11	18	25
S	5	12	19	26

February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

١٤٤٠ / ١٢ / ٢٠ . كلامه الإقترانات الدائريّة (الصّوب بالمرافقة)

8:00

مثال : جد ؟ $\frac{1}{1-جاء}$. د .

9:00

حالات الصّوب بالمرافقة

10:00

عندما تكون في المقام

11:00

12:00

13:00

$\frac{1}{1-جاء} + \frac{1}{جاء}$. د .

14:00

$\frac{1}{جاء} + \frac{1}{جاء}$ ؟

15:00

$\frac{1}{جاء} - \frac{1}{جاء}$ ؟

16:00

$\frac{1}{جاء} + \frac{1}{جاء}$. د .

17:00

$\frac{1}{جاء} + \frac{1}{جاء}$ ؟

18:00

$\frac{1}{جاء} + \frac{1}{جاء} + \frac{1}{جاء}$. د .

19:00

$\frac{1}{جاء} + \frac{1}{جاء} + \frac{1}{جاء}$ ؟

20:00

January

S 6 13 20 27
M 7 14 21 28
T 1 8 15 22 29
W 2 9 16 23 30
T 3 10 17 24 31
F 4 11 18 25
S 5 12 19 26

February

S 3 10 17 24
M 4 11 18 25
T 5 12 19 26
W 6 13 20 27
T 7 14 21 28
F 1 8 15 22
S 2 9 16 23

March

S 3 10 17 24 31
M 4 11 18 25
T 5 12 19 26
W 6 13 20 27
T 7 14 21 28
F 1 8 15 22 29
S 2 9 16 23 30

✓. $\frac{1}{(r-k_1 + r-k_2)}$ $\Rightarrow$ مطلوب

$\sqrt{2} \times \sqrt{2} + \sqrt{2} \times \sqrt{2} + \sqrt{2} \times \sqrt{2}$

$$\therefore \frac{V_{C_{LD-1}}}{V_{C_{LD-1}}} \times \frac{1}{V_{C_{LD-1}} + 1} = 2$$

✓. $\frac{v_2}{v_1} = 1$ 2

$$2. \frac{\sqrt{2x-1}}{\sqrt{2x+1}}$$
$$V_{\text{eff}} = \frac{V_{\text{eff}}}{V_{\text{eff}}} - \frac{1}{V_{\text{eff}}} 2$$
$$\rightarrow \cdot \vec{v}_F \vec{v}_F \vec{v}_F \vec{v}_F - \vec{v}_F \vec{v}_F \vec{v}_F \vec{v}_F$$
$$D + \frac{\sqrt{r}b}{r} - \frac{\sqrt{r}L}{r}$$
$$\frac{1 - r \bar{L}}{1 - r L} \times \dots = \frac{1 - r \bar{L}}{1 + r \bar{L}} \quad \text{?} \quad \text{Shu}$$
$$\text{Ans. } \frac{(1-r^2b^2)}{1-r^2b^2}$$
$$\rightarrow \frac{1 + \sqrt{65} - \sqrt{65}}{\sqrt{4}}$$
$$\rightarrow \frac{1}{\sqrt{L_i}} + \frac{\sqrt{b_i}}{\sqrt{L_i}} - \frac{\sqrt{b_i}}{\sqrt{L_i}} \quad ?$$

2. L.

20:00

$p_a \sim b^- \sim b^+$

S		3	10	17	24	31
M		4	11	18	25	
T		5	12	19	26	
W		6	13	20	27	
T		7	14	21	28	
F	1	8	15	22	29	
S	2	9	16	23	30	

7:00

مثال : $\frac{ج ٢}{ج ١} = د$

8:00

$\frac{ج ٢}{ج ١} = د$
 $\frac{ج ٢ + ١}{ج ١ + ١} = د$

9:00

$\frac{ج ٢ + ١}{ج ١ + ١} = د$
 $\frac{ج ٢}{ج ١} = د$

10:00

$\frac{ج ٢ + ١}{ج ١ + ١} = د$
 $\frac{ج ٢}{ج ١} = د$

11:00

$\frac{ج ٢ + ١}{ج ١ + ١} = د$
 $\frac{ج ٢}{ج ١} = د$

12:00

$\frac{ج ٢ + ١}{ج ١ + ١} = د$
 $\frac{ج ٢}{ج ١} = د$

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

7:00

مثال : ١ - جانب
جانب - جانب

8:00

جانب - ٢ جانب جانب + جانب
جانب - جانب

9:00

(جانب - جانب)

10:00

(جانب - جانب)

11:00

(جانب - جانب)

12:00

جانب - جانب

13:00

جانب - جانب +

14:00

١ + جانب = (جانب + جانب)
١ - جانب = (جانب - جانب)

15:00

قاعدة :-

جانب جانب = ١ (جانب (٠ + ٠) + جانب (٠ - ٠))

جانب جانب = ١ (جانب (٠ + ٠) - جانب (٠ - ٠))

16:00

جانب جانب = ١ (جانب (٠ + ٠) + جانب (٠ - ٠))
جانب جانب = ١ (جانب (٠ + ٠) + جانب (٠ - ٠))

17:00

هذه الزوايا هي الأولى ودائماً تكون من الجيب

18:00

في حرف المساواة الأول
وهي الطرف الأول
من مجموع الزاويتين

19:00

من مجموع الزاويتين

January	February	March
S 6 13 20 27	S 3 10 17 24	S 10 17 24 31
M 7 14 21 28	M 4 11 18 25	M 11 18 25
T 1 8 15 22 29	T 5 12 19 26	T 12 19 26
W 2 9 16 23 30	W 6 13 20 27	W 13 20 27
T 3 10 17 24 31	T 7 14 21 28	T 14 21 28
F 4 11 18 25	F 1 8 15 22	F 1 8 15 22 29
S 5 12 19 26	S 2 9 16 23	S 2 9 16 23 30

شباط - فبراير
February

16

١٦ جمادى الآخرة ١٤٤٠ هـ

السبت
Saturday

الشيخ
٢٤/٢/٢٠٢٠

7:00	د. $\frac{1}{\sqrt{1-\sqrt{2}}}$	٧:٠٠
8:00	د. $\frac{1}{\sqrt{1-\sqrt{2}}}$	٨:٠٠
9:00	د. $\frac{1}{\sqrt{1-\sqrt{2}}}$	٩:٠٠
10:00	د. $\frac{1}{\sqrt{1-\sqrt{2}}}$	١٠:٠٠
11:00	د. $\frac{1}{\sqrt{1-\sqrt{2}}}$	١١:٠٠
12:00	د. $\frac{1}{\sqrt{1-\sqrt{2}}}$	١٢:٠٠
13:00	د. $\frac{1}{\sqrt{1-\sqrt{2}}}$	١٣:٠٠
14:00	د. $\frac{1}{\sqrt{1-\sqrt{2}}}$	١٤:٠٠
15:00	د. $\frac{1}{\sqrt{1-\sqrt{2}}}$	١٥:٠٠
16:00	د. $\frac{1}{\sqrt{1-\sqrt{2}}}$	١٦:٠٠
17:00	د. $\frac{1}{\sqrt{1-\sqrt{2}}}$	١٧:٠٠
18:00	د. $\frac{1}{\sqrt{1-\sqrt{2}}}$	١٨:٠٠
19:00	د. $\frac{1}{\sqrt{1-\sqrt{2}}}$	١٩:٠٠
20:00	د. $\frac{1}{\sqrt{1-\sqrt{2}}}$	٢٠:٠٠

شباط - فبراير

February

17

١٢ جمادى الآخرة ١٤٤٠ هـ

الأحد

Sunday

7:00

٧:٠٠

8:00

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9:00

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10:00

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14:00

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16:00

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17:00

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18:00

١٨:٠٠

19:00

١٩:٠٠

20:00

٢٠:٠٠

January

S 6 13 20 27
M 7 14 21 28
T 1 8 15 22 29
W 2 9 16 23 30
T 3 10 17 24 31
F 4 11 18 25
S 5 12 19 26

February

S 3 10 17 24
M 4 11 18 25
T 5 12 19 26
W 6 13 20 27
T 7 14 21 28
F 1 8 15 22
S 2 9 16 23

March

S 3 10 17 24 31
M 4 11 18 25
T 5 12 19 26
W 6 13 20 27
T 7 14 21 28
F 1 8 15 22 29
S 2 9 16 23 30

شباط - فبراير

February

18

١٣ جمادى الآخرة ١٤٤٠ هـ

الاثنين

Monday

الثلاثاء

٢٥ / ٢ / ٢٠٢٠

7:00

التكامل المحدود

8:00

مثال : $\int (x-2)(1+x)^n dx$

9:00

$\int (x-2)(1+x)^n dx$

10:00

$\int (x-2)(1+x)^n dx$

11:00

$\int (1+x)^n - (1+x)^{n-1} dx$

12:00

$\frac{1}{n+1}(1+x)^{n+1} - \frac{1}{n}(1+x)^n$

13:00

قاعدة د : $\int u \cdot v' dx = u \cdot v - \int u' \cdot v dx$

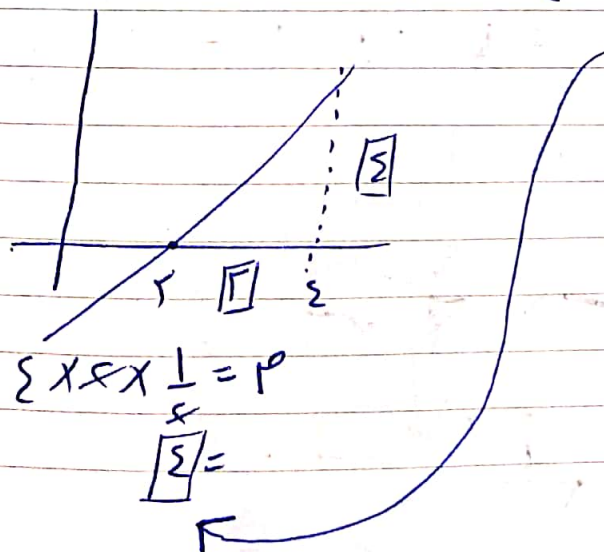
14:00

$\int (x-2)(1+x)^n dx = \frac{1}{n+1}(1+x)^{n+1} - \frac{1}{n}(1+x)^n$

15:00

$\int (x-2)(1+x)^n dx$

16:00



17:00

18:00

19:00

20:00

7:00

مثال ٣ : $\int_0^{\pi} (\sqrt{x} + \sqrt{2}) dx =$

8:00

$$\int_0^{\pi} \left[\frac{\sqrt{x}}{1} + \sqrt{2} \right] dx =$$

9:00

$$\int_0^{\pi} (\sqrt{x} + \sqrt{2}) dx =$$

10:00

$$(1 + \sqrt{2} -) - (9 + 1\sqrt{2}) =$$

$$\sqrt{2} = 3 + 1 =$$

11:00

مثال ٤ : $\int_0^{\pi} (x^2 + \sqrt{x} + \sqrt{2}) dx =$

12:00

13:00

$$\int_0^{\pi} (x^2 + \sqrt{x} + \sqrt{2}) dx =$$

14:00

$$\int_0^{\pi} (x^2 + \sqrt{x} + \sqrt{2}) dx =$$

15:00

$$\int_0^{\pi} \left[\frac{x^3}{3} + \frac{2\sqrt{x}}{3} + \sqrt{2}x \right] dx =$$

16:00

$$\pi = \left(\frac{1}{\pi} \right) - \left(\frac{1}{\pi} - \pi \right)$$

17:00

مثال ٥ : $\int_0^{\pi} \frac{1}{x^2} dx =$

18:00

$$\int_0^{\pi} \frac{1}{x^2} dx =$$

19:00

$$\int_0^{\pi} \frac{1}{x^2} dx =$$

20:00

$$\int_0^{\pi} \frac{1}{x^2} dx =$$

تابع

January

S	6	13	20	27
M	7	14	21	28
T	1	8	15	22
W	2	9	16	23
T	3	10	17	24
F	4	11	18	25
S	5	12	19	26

February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

7:00

 $V_{\dots}$

8:00

 $\Lambda_{\dots}$

9:00

 Q_{max}

10:00

1000

11:00

11:00

12:00

१२:००

✓ 13:00

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14:00

13:

15:00

10:..

16:00

1100

17:00

IV:..

18:00

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19:00

19:..

20:00

...

$$\frac{1}{\sqrt{1-x^2}} + \frac{1}{\sqrt{1-x^2}}$$

مثال: اذ ان كان $e = e(s) = e_0$ ثابتاً، فإن

10:00 (P) $\rightarrow$ (C) $\rightarrow$ P (P) $\rightarrow$ (C) $\rightarrow$ P
11:00 (P) $\rightarrow$ (C) $\rightarrow$ P (P) $\rightarrow$ (C) $\rightarrow$ P

مثال: قیمت $\int_0^1 (x^2 - x) dx$ در $x=0$ تساوی

$(P)_{(0)}^{1300} - (P)_{(0)}$ $(P)_{(0)}^{1300} - (P)_{(0)}$

$(P)_{(0)}^{1400} - (P)_{(0)}$ $(P)_{(0)}^{1400} - (P)_{(0)}$

مثال ۲:

دو تابع زیر را در یک سطر بنویسید.

$f(x) = \frac{1}{x^2} - \frac{1}{x}$ و $g(x) = \frac{x-1}{x^2}$

$$\frac{\pi}{2} \quad \frac{\pi}{2} \quad \frac{\pi}{2}$$
$$= \frac{\frac{1}{\sqrt{2}}}{\frac{1}{\sqrt{2}}} = 1$$
$$\frac{\Sigma}{\pi \tau v} - \frac{\sqrt{v}}{\pi r} =$$

7:00

$$\text{مثال } 7: \text{ } \frac{1}{1-\sqrt{2}} = \frac{1+\sqrt{2}}{1-(\sqrt{2})^2} = \frac{1+\sqrt{2}}{1-2} = \frac{1+\sqrt{2}}{-1} = -1-\sqrt{2}$$

8:00

$$\frac{1}{1-\sqrt{2}} = \frac{1+\sqrt{2}}{1-(\sqrt{2})^2} = \frac{1+\sqrt{2}}{1-2} = \frac{1+\sqrt{2}}{-1} = -1-\sqrt{2}$$

9:00

$$\text{مثال } 8: \text{ } \frac{1}{1-\sqrt{2}} = \frac{1+\sqrt{2}}{1-(\sqrt{2})^2} = \frac{1+\sqrt{2}}{1-2} = \frac{1+\sqrt{2}}{-1} = -1-\sqrt{2}$$

10:00

$$\text{مثال } 9: \text{ } \frac{1}{1-\sqrt{2}} = \frac{1+\sqrt{2}}{1-(\sqrt{2})^2} = \frac{1+\sqrt{2}}{1-2} = \frac{1+\sqrt{2}}{-1} = -1-\sqrt{2}$$

11:00

$$\text{مثال } 10: \text{ } \frac{1}{1-\sqrt{2}} = \frac{1+\sqrt{2}}{1-(\sqrt{2})^2} = \frac{1+\sqrt{2}}{1-2} = \frac{1+\sqrt{2}}{-1} = -1-\sqrt{2}$$

12:00

$$\text{مثال } 11: \text{ } \frac{1}{1-\sqrt{2}} = \frac{1+\sqrt{2}}{1-(\sqrt{2})^2} = \frac{1+\sqrt{2}}{1-2} = \frac{1+\sqrt{2}}{-1} = -1-\sqrt{2}$$

13:00

$$\text{مثال } 12: \text{ } \frac{1}{1-\sqrt{2}} = \frac{1+\sqrt{2}}{1-(\sqrt{2})^2} = \frac{1+\sqrt{2}}{1-2} = \frac{1+\sqrt{2}}{-1} = -1-\sqrt{2}$$

14:00

$$\text{مثال } 13: \text{ } \frac{1}{1-\sqrt{2}} = \frac{1+\sqrt{2}}{1-(\sqrt{2})^2} = \frac{1+\sqrt{2}}{1-2} = \frac{1+\sqrt{2}}{-1} = -1-\sqrt{2}$$

15:00

$$\text{مثال } 14: \text{ } \frac{1}{1-\sqrt{2}} = \frac{1+\sqrt{2}}{1-(\sqrt{2})^2} = \frac{1+\sqrt{2}}{1-2} = \frac{1+\sqrt{2}}{-1} = -1-\sqrt{2}$$

16:00

$$\text{مثال } 15: \text{ } \frac{1}{1-\sqrt{2}} = \frac{1+\sqrt{2}}{1-(\sqrt{2})^2} = \frac{1+\sqrt{2}}{1-2} = \frac{1+\sqrt{2}}{-1} = -1-\sqrt{2}$$

17:00

$$\text{مثال } 16: \text{ } \frac{1}{1-\sqrt{2}} = \frac{1+\sqrt{2}}{1-(\sqrt{2})^2} = \frac{1+\sqrt{2}}{1-2} = \frac{1+\sqrt{2}}{-1} = -1-\sqrt{2}$$

18:00

$$\text{مثال } 17: \text{ } \frac{1}{1-\sqrt{2}} = \frac{1+\sqrt{2}}{1-(\sqrt{2})^2} = \frac{1+\sqrt{2}}{1-2} = \frac{1+\sqrt{2}}{-1} = -1-\sqrt{2}$$

19:00

$$\text{مثال } 18: \text{ } \frac{1}{1-\sqrt{2}} = \frac{1+\sqrt{2}}{1-(\sqrt{2})^2} = \frac{1+\sqrt{2}}{1-2} = \frac{1+\sqrt{2}}{-1} = -1-\sqrt{2}$$

20:00

$$\text{مثال } 19: \text{ } \frac{1}{1-\sqrt{2}} = \frac{1+\sqrt{2}}{1-(\sqrt{2})^2} = \frac{1+\sqrt{2}}{1-2} = \frac{1+\sqrt{2}}{-1} = -1-\sqrt{2}$$

January

S	6	13	20	27
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T	3	10	17	24
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S	5	12	19	26

February

S	3	10	17	24
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T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
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S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
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W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

7:00

مثال : إذا كان عدد (س) متساوياً لـ ١ - حيث

8:00

$$1 = \sqrt{2} + \frac{\text{نفا (عدد س)}}{[4 + 5 \frac{1}{3}]}$$

9:00

وكانه عدد (س) يمر بالنقطة (٦، ٣)

10:00

جد : عدد (س) = ١ -

11:00

$$= \text{عدد (٢)} - \text{عدد (١)} =$$

12:00

$$= 2 - 1 = 1$$

13:00

$$\leftarrow \text{نفا (عدد س)} = \frac{1}{1} = 1$$

14:00

$$9 = \text{نفا (عدد س)} = 1$$

15:00

$$\text{نفا (عدد س)} = 2 \sqrt{2} = 2.828$$

16:00

$$\boxed{\text{عدد (١-)} = 2 \sqrt{2}}$$

17:00

واجب : جد قيمة ن التي تجعل : $1 - \text{عدد (س)} = 2$ ؟

18:00

$$1 - \frac{1 + \text{ن}}{1 + \text{ن}} = 2 \Rightarrow \frac{1 - 1 - \text{ن}}{1 + \text{ن}} = 2 \Rightarrow \frac{-\text{ن}}{1 + \text{ن}} = 2$$

19:00

$$-\text{ن} = 2(1 + \text{ن}) \Rightarrow -\text{ن} = 2 + 2\text{ن} \Rightarrow -3\text{ن} = 2 \Rightarrow \text{ن} = -\frac{2}{3}$$

20:00

$$\frac{1 \times 2}{1 + \text{ن}} = \frac{1 + \text{ن}}{1 + \text{ن}} \Rightarrow 2 = 1 + \text{ن} \Rightarrow \text{ن} = 1$$

أو ن = ١ = عدد فرد
ن = عدد زوجي

البنك العربي
ARAB BANK

$$2 = 1 + \text{ن} \Rightarrow \text{ن} = 1$$

7:00

مثال: حدد قيمة P التي تجعل $(\sqrt{2} + \sqrt{2})^2 = 12$

8:00

9:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

$$(\sqrt{2} + \sqrt{2})^2 = 12$$

$$[\sqrt{2}^2 + 2\sqrt{2}\sqrt{2} + \sqrt{2}^2] = 12$$

$$12 = (\sqrt{2}^2 + 1) - (\sqrt{2}^2 + 1)$$

$$12 = \sqrt{2}^2 - \sqrt{2}^2 + 1 - 1$$

$$12 - 12 = \sqrt{2}^2 + \frac{12}{\sqrt{2}}$$

$$\frac{12}{\sqrt{2}} = \sqrt{2}^2$$

$$\frac{12}{\sqrt{2}} = \sqrt{2}$$

$$\frac{12}{\sqrt{2}} = \sqrt{2}$$

قاعدة: $(P - Q) \cdot P = \frac{1}{P} \cdot P$

مثال: $2 = 2 \times \frac{1}{2} = (1 + 1) \cdot \frac{1}{2} = \frac{1}{2}$

مثال: $10 = 5 \cdot 2 = 5 \cdot (1 + 1) = 10$

$$10 = (1 + 1 - 1 + 1) \cdot 5$$

$$10 = (0 + 1) \cdot 5$$

$$10 = 10 + 0$$

$$\frac{10}{0} = \frac{0}{0}$$

$$\frac{10}{0} = \frac{0}{0}$$

January

S	6	13	20	27
M	7	14	21	28
T	1	8	15	22
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T	3	10	17	24
F	4	11	18	25
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February

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March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	
S	2	9	16	23	

7:00

مثال :- جد كثير حدود منه الدرجة الأولى حيث أن

8:00

$$\begin{cases} 2 = 1 + (1) \cdot 1 \\ 5 = 1 + (2) \cdot 1 \end{cases}$$

9:00

$$1 + (1) \cdot 1 = 2$$

10:00

$$1 + (2) \cdot 1 = 3$$

11:00

$$2 = \left[1 + \frac{1}{1} \right]$$

12:00

$$2 = 1 + \frac{1}{1}$$

13:00

$$1 = \dots \dots \dots \boxed{2 = 1 + 1}$$

14:00

$$1 + (1) \cdot 1 = 2$$

15:00

$$2 = \left[1 + \frac{1}{1} \right]$$

16:00

$$2 = \left(1 + \frac{1}{1} \right) - \left(1 + \frac{1}{1} \right)$$

17:00

$$2 = 2 - 1 + 1$$

$$1 = 1 + 1$$

$$\frac{1}{1} = \frac{1}{1}$$

18:00

$$1 = \dots \dots \dots \boxed{1 = 1 + 0}$$

19:00

$$1 = 1 + 0$$

20:00

$$1 - x \quad 2 = 1 + 1$$

تابع

7:00

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8:00

$$3 = 2 + p$$

$$2 - = 1 - p$$

٨:٠٠

9:00

$$1 - = 0 -$$

$$1 = 0$$

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10:00

$$3 = 0 + p$$

$$3 = 1 + p$$

١٠:٠٠

11:00

$$1 = p$$

١١:٠٠

12:00

$$1 + 1 - 2 = (1 - 2)$$

١٢:٠٠

13:00

مثال: إذا كان $3 = 2 + p$ فما قيمة p ؟

١٣:٠٠

14:00

$$3 = 2 + p$$

$$3 - 2 = p$$

$$1 = p$$

١٤:٠٠

15:00

$$(3 + 2) - 2 = 3 + 2 - 2$$

١٥:٠٠

16:00

$$3 \times (1 = 3 - 2 - 2 = 3 - 2 - 2)$$

١٦:٠٠

17:00

18:00

19:00

$$(11 + 11 + 11) (1 - 2)$$

١٨:٠٠

١٩:٠٠

20:00

المميز = $3 - 2 = 1$

$$11 \times 2 \times 2 - 121 =$$

$$11 - 121 =$$

$$33 =$$

٢٠:٠٠

January

S	6	13	20	27
M	7	14	21	28
T	1	8	15	22
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T	3	10	17	24
F	4	11	18	25
S	5	12	19	26

February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
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T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

سابع

7:00

8:00

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12:00

13:00

14:00

15:00

17:00

18:00

19:00

20:00

$$\frac{3 \pm 11}{2} = 7$$

$$\frac{3 \pm 11}{2} = 7$$

$$= (1 - 5)$$

$$1 = 5$$

الحضائر
خاصية (١) "الخاصية الخطية"

$$2 \pm 3 = 5 \quad 2 \pm 3 = 5$$

$$2 \pm 3 = 5 \quad 2 \pm 3 = 5$$

$$2 \pm 3 = 5 \quad 2 \pm 3 = 5$$

$$2 \pm 3 = 5 \quad 2 \pm 3 = 5$$

$$2 \pm 3 = 5 \quad 2 \pm 3 = 5$$

$$2 \pm 3 = 5 \quad 2 \pm 3 = 5$$

$$2 \pm 3 = 5 \quad 2 \pm 3 = 5$$

$$2 \pm 3 = 5 \quad 2 \pm 3 = 5$$

تابع

$$2 \pm 3 = 5 \quad 2 \pm 3 = 5$$

$$2 \pm 3 = 5 \quad 2 \pm 3 = 5$$

$$2 \pm 3 = 5 \quad 2 \pm 3 = 5$$

7:00

V...

8:00

A...

9:00

Q...

10:00

I...

11:00

II...

12:00

I...

13:00

II...

14:00

I...

15:00

I...

16:00

I...

17:00

IV...

18:00

I...

19:00

I...

20:00

I...

$$\frac{1}{2} = (1 - \frac{1}{2}) + \frac{1}{2} \cdot (1 - \frac{1}{2}) + \frac{1}{2} \cdot (1 - \frac{1}{2})^2 + \dots$$

$$\frac{1}{2} = \frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \frac{1}{16} + \dots$$

$$1 = \frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \dots$$

$$2 = \frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \dots$$

$$\text{المطلوب} = \frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \frac{1}{16} + \dots = \frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \frac{1}{16} + \dots$$

$$\frac{1}{2} = \frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \frac{1}{16} + \dots$$

$$1 = \frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \frac{1}{16} + \dots$$

$$\frac{1}{2} = \frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \frac{1}{16} + \dots$$

$$1.0 = \frac{19}{2} = \frac{1}{2} + 1.0$$

مثال: إذا كان $\frac{1}{2} = (1 - \frac{1}{2}) + \frac{1}{2} \cdot (1 - \frac{1}{2}) + \frac{1}{2} \cdot (1 - \frac{1}{2})^2 + \dots$

$$1.2 = (1 - \frac{1}{2}) + \frac{1}{2} \cdot (1 - \frac{1}{2}) + \frac{1}{2} \cdot (1 - \frac{1}{2})^2 + \dots$$

$$\frac{1}{2} = \frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \frac{1}{16} + \dots$$

تابع

January

S	6	13	20	27
M	7	14	21	28
T	1	8	15	22
W	2	9	16	23
T	3	10	17	24
F	4	11	18	25
S	5	12	19	26

February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

7:00

$$12 = \sqrt{2} \cdot \sqrt{2} = \sqrt{2} \cdot (\sqrt{2} - 1) = \sqrt{2} \cdot \sqrt{2} - \sqrt{2} \cdot 1 = 2 - \sqrt{2}$$

8:00

$$\sqrt{2} \cdot \sqrt{2} = 2$$

9:00

$$12 = \frac{2}{\sqrt{2}} = \frac{2\sqrt{2}}{\sqrt{2}\sqrt{2}} = \frac{2\sqrt{2}}{2} = \sqrt{2}$$

10:00

$$\boxed{2 = \sqrt{2} \cdot \sqrt{2} = \sqrt{2} \cdot (\sqrt{2} - 1) = \sqrt{2} \cdot \sqrt{2} - \sqrt{2} \cdot 1 = 2 - \sqrt{2}}$$

$$\boxed{3 = \sqrt{2} \cdot \sqrt{2} = 2}$$

$$11:00 \quad \text{المطلوب : } \sqrt{2} \cdot \sqrt{2} = 2 + \sqrt{2} \cdot \sqrt{2} = 2 + 2 = 4$$

$$12:00 \quad \sqrt{2} \cdot \sqrt{2} = 2 - \sqrt{2} \cdot \sqrt{2} = 2 - 2 = 0$$

$$13:00 \quad \sqrt{2} \cdot \sqrt{2} = 2 - \sqrt{2} \cdot \sqrt{2} = 2 - 2 = 0$$

$$14:00 \quad \sqrt{2} \cdot \sqrt{2} = 2 - \sqrt{2} \cdot \sqrt{2} = 2 - 2 = 0$$

15:00

$$\sqrt{2} \cdot \sqrt{2} = 2$$

16:00

$$\sqrt{2} \cdot \sqrt{2} = 2 - \sqrt{2} \cdot \sqrt{2} = 2 - 2 = 0$$

17:00

$$\sqrt{2} \cdot \sqrt{2} = 2 - \sqrt{2} \cdot \sqrt{2} = 2 - 2 = 0$$

18:00

$$\sqrt{2} \cdot \sqrt{2} = 2 - \sqrt{2} \cdot \sqrt{2} = 2 - 2 = 0$$

19:00

$$0 - (\pi - \pi) = 0$$

20:00

$$\frac{\pi \sqrt{2}}{2} = \pi \times \frac{\sqrt{2}}{2}$$

الأربعاء
٢٢.٥ / ٢ / ٢٦

7:00

$$V_{\dots} \quad \text{وال : } \frac{P - \sqrt{P}}{P - \sqrt{P}} = \frac{\sqrt{P} - \sqrt{P} + \sqrt{P} - \sqrt{P}}{P - \sqrt{P}}$$

8:00

$$P - \sqrt{P}$$

A...

9:00

$$P = \text{جد قيمة}$$

9...

10:00

$$V_{\dots} \quad \frac{\sqrt{P} - \sqrt{P}}{P - \sqrt{P}} + \frac{\sqrt{P} - \sqrt{P}}{P - \sqrt{P}}$$

I...

11:00

$$V_{\dots} \quad \frac{(P - \sqrt{P}) \sqrt{P}}{(P - \sqrt{P})} + \frac{(P - \sqrt{P}) \sqrt{P}}{(P - \sqrt{P})}$$

II...

12:00

$$V_{\dots} \quad \sqrt{P} + \sqrt{P}$$

I...

13:00

$$V_{\dots} \quad \left[\frac{\sqrt{P}}{P} + \frac{\sqrt{P}}{P} \right]$$

I...

14:00

$$V_{\dots} \quad \frac{P - \sqrt{P}}{P} = \left(\frac{\sqrt{P}}{P} + \frac{\sqrt{P}}{P} \right) - \left(\frac{\sqrt{P}}{P} + \frac{\sqrt{P}}{P} \right)$$

I...

15:00

$$V_{\dots} \quad \frac{P - \sqrt{P}}{P} = \frac{\sqrt{P}}{P} - \frac{\sqrt{P}}{P} + \frac{\sqrt{P}}{P} - \frac{\sqrt{P}}{P}$$

I...

16:00

$$V_{\dots} \quad \frac{(\sqrt{P} - \sqrt{P})}{P} + \frac{(\sqrt{P} - \sqrt{P})}{P}$$

IV...

18:00

$$V_{\dots} \quad \frac{(\sqrt{P} - \sqrt{P})}{P} = (P+1) \frac{(\sqrt{P} - \sqrt{P})}{P}$$

I...

19:00

$$V_{\dots} \quad \frac{(\sqrt{P} - \sqrt{P})}{P} = \frac{(\sqrt{P} - \sqrt{P})}{P} \times 1$$

I...

20:00

$$V_{\dots} \quad P = P - 1 -$$

I...

$$1 + \Sigma = P - 1 +$$

$$0 = P -$$

$$0 = P$$

February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

April

S		7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

آذار - مارس
March
2

٢٥ جمادى الآخرة ١٤٤٠ هـ

السبت
Saturday

الخميس

٢٠٢٠ / ٢ / ٢٧

7:00

8:00

9:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

مثال: إذا كان $\frac{3}{3} = 1$ فماذا يساوي $\frac{3}{3}$ ؟

١ - ١ = ٠

$\frac{3}{3} = 1$ فماذا يساوي $\frac{3}{3}$ ؟

$\frac{3}{3} = 1$ فماذا يساوي $\frac{3}{3}$ ؟

$\frac{3}{3} = 1$ فماذا يساوي $\frac{3}{3}$ ؟

$1 = 1 - 1 = 0$

١ - ١ = ٠

مثال: إذا كان $\frac{3}{3} = 1$ فماذا يساوي $\frac{3}{3}$ ؟

$\frac{3}{3} = 1$ فماذا يساوي $\frac{3}{3}$ ؟

$\frac{3}{3} = 1$ فماذا يساوي $\frac{3}{3}$ ؟

$(1 + 1) - (1 + 1) = 0$

$1 - 1 = 0$

$1 - 1 = 0$

١ - ١ = ٠

7:00

8:00

9:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

$$P = \frac{1}{1+r} \left(\frac{1}{1+r} + \frac{1}{1+r} + \dots \right)$$

خاصية:

$$P = \frac{1}{1+r} \left(\frac{1}{1+r} + \frac{1}{1+r} + \dots \right)$$

$$P = \frac{1}{1+r} \left(\frac{1}{1+r} + \frac{1}{1+r} + \dots \right)$$

$$1 + P_2 = 0 + P_3$$

$$0 - 1 = P_2 - P_3$$

$$\boxed{1 - P_2 = P_3}$$

$$P = \frac{1}{1+r} \left(\frac{1}{1+r} + \frac{1}{1+r} + \dots \right)$$

$$\boxed{\frac{1}{r} = P}$$

$$P = \frac{1}{1+r} \left(\frac{1}{1+r} + \frac{1}{1+r} + \dots \right)$$

$$P = \frac{1}{1+r} \left(\frac{1}{1+r} + \frac{1}{1+r} + \dots \right)$$

$$(1 + P_2) - (1 + P_3)$$

$$= 1 + P_2 - 1 - P_3$$

$$(1 - P_2) (1 + P_3)$$

$$= 1 + P_3$$

$$\boxed{\frac{1}{r} = P}$$

$$\boxed{\frac{1}{r} = P}$$

February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

April

S		7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

7:00

خاصية الإضافة

8:00

إذا كان ν د.س. قابلاً للتكامل على فترة تحتوي الأعداد a, b, c

9:00

10:00

$$\int_a^b \nu(x) dx = \int_a^c \nu(x) dx + \int_c^b \nu(x) dx$$

11:00

مثال: $\int_a^b \nu(x) dx = \int_a^c \nu(x) dx + \int_c^b \nu(x) dx$

12:00

مثال: $\int_a^b \nu(x) dx = \int_a^c \nu(x) dx + \int_c^b \nu(x) dx$

13:00

مثال: إذا كان ν د.س. $\int_a^b \nu(x) dx = \int_a^c \nu(x) dx + \int_c^b \nu(x) dx$

14:00

مثال: $\int_a^b \nu(x) dx = \int_a^c \nu(x) dx + \int_c^b \nu(x) dx$

15:00

مثال: $\int_a^b \nu(x) dx = \int_a^c \nu(x) dx + \int_c^b \nu(x) dx$

16:00

مثال: $\int_a^b \nu(x) dx = \int_a^c \nu(x) dx + \int_c^b \nu(x) dx$

17:00

مثال: $\int_a^b \nu(x) dx = \int_a^c \nu(x) dx + \int_c^b \nu(x) dx$

18:00

مثال: $\int_a^b \nu(x) dx = \int_a^c \nu(x) dx + \int_c^b \nu(x) dx$

19:00

مثال: $\int_a^b \nu(x) dx = \int_a^c \nu(x) dx + \int_c^b \nu(x) dx$

20:00

الحسين
١٢٠٢ / ١٢ / ١٢٧

7:00

مثال: إذا كان $\{ \dots \}$ حد $\{ \dots \}$ $\{ \dots \} = \{ \dots \}$ $\{ \dots \}$

8:00

فإنه قيمته $\{ \dots \}$ $\{ \dots \}$ $\{ \dots \}$

9:00

$\{ \dots \}$

$\{ \dots \}$ $\{ \dots \}$ $\{ \dots \}$

$\{ \dots \}$ $\{ \dots \}$ $\{ \dots \}$

10:00

$\{ \dots \} = \{ \dots \}$ $\{ \dots \}$ $\{ \dots \}$

11:00

$\{ \dots \} = \{ \dots \}$ $\{ \dots \}$ $\{ \dots \}$

12:00

مثال: حد $\{ \dots \}$ $\{ \dots \}$ $\{ \dots \}$ $\{ \dots \}$

14:00

$\{ \dots \}$ $\{ \dots \}$ $\{ \dots \}$

15:00

$\{ \dots \}$ $\{ \dots \}$ $\{ \dots \}$

16:00

$\{ \dots \}$ $\{ \dots \}$ $\{ \dots \}$

17:00

مثال: $\{ \dots \}$ $\{ \dots \}$ $\{ \dots \}$

(التكامل عند عدم المساواة)

19:00

$\{ \dots \}$ $\{ \dots \}$ $\{ \dots \}$

20:00

$\{ \dots \}$ $\{ \dots \}$ $\{ \dots \}$

$\{ \dots \}$ $\{ \dots \}$ $\{ \dots \}$

$\{ \dots \}$ $\{ \dots \}$ $\{ \dots \}$

February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

April

S		7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

الأحد

١٣/٢/٢٠٢٠

7:00

مثال: جد $\int \frac{1}{x^2 + 1} dx$

8:00

$\frac{1}{x^2 + 1} = \frac{A}{x + i} + \frac{B}{x - i}$

9:00

$\frac{1}{x^2 + 1} = \frac{A}{x + i} + \frac{B}{x - i}$

10:00

$\frac{1}{x^2 + 1} = \frac{A}{x + i} + \frac{B}{x - i}$

11:00

$\frac{1}{x^2 + 1} = \frac{A}{x + i} + \frac{B}{x - i}$

12:00

مثال: جد $\int \frac{1}{x^2 + 1} dx$

13:00

$\frac{1}{x^2 + 1} = \frac{A}{x + i} + \frac{B}{x - i}$

14:00

$\frac{1}{x^2 + 1} = \frac{A}{x + i} + \frac{B}{x - i}$

15:00

16:00

17:00

18:00

19:00

20:00

February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

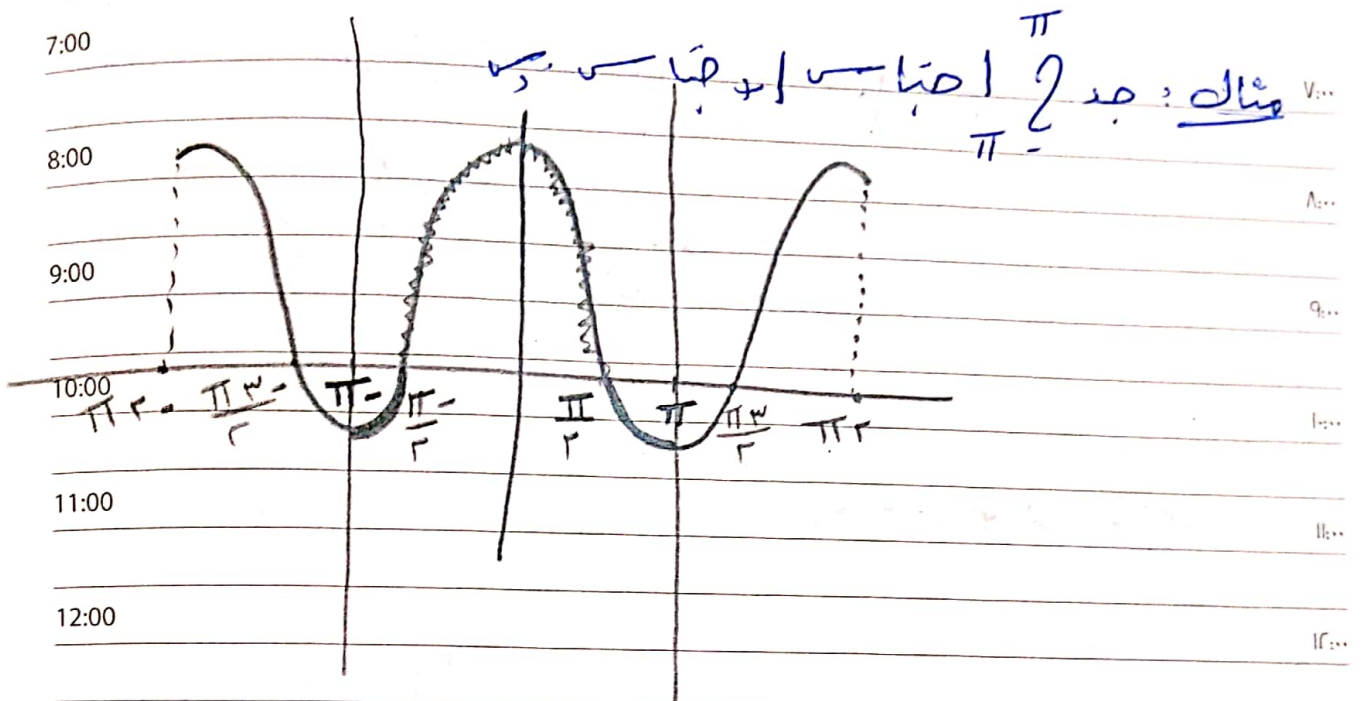
April

S	1	8	15	22	29
M	2	9	16	23	30
T	3	10	17	24	
W	4	11	18	25	
T	5	12	19	26	
F	6	13	20	27	

الاجابة

$$\int \frac{1}{x^2 + 1} dx = \int \frac{1}{(x + i)(x - i)} dx = \int \frac{A}{x + i} + \frac{B}{x - i} dx$$

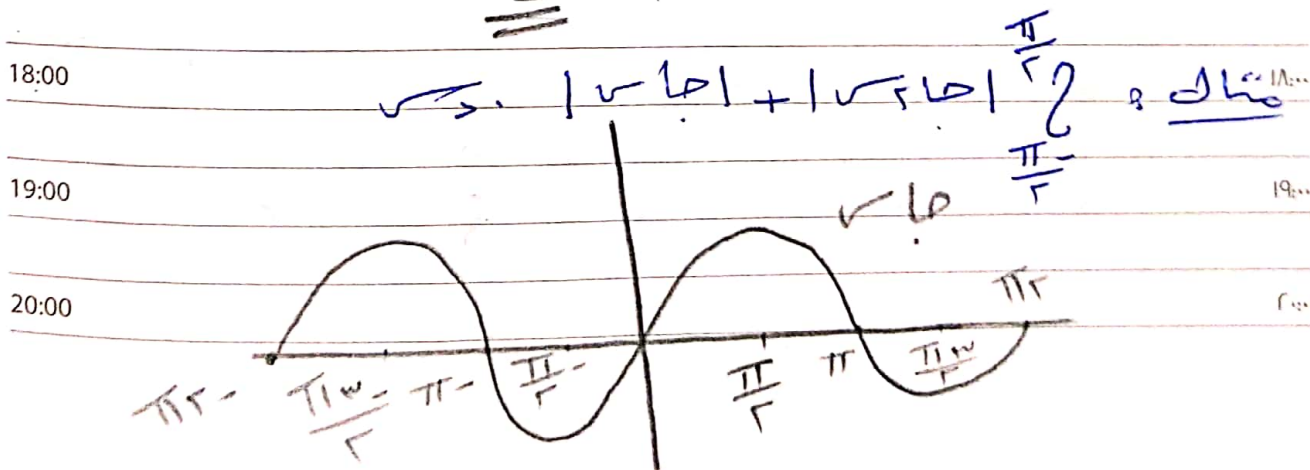
$$= \frac{1}{2i} \ln \left| \frac{x + i}{x - i} \right| + C$$



$$\int_{-\pi}^{\pi} \cos x + \sin x \, dx = \left[\sin x - \cos x \right]_{-\pi}^{\pi}$$

$$= (\sin \pi - \cos \pi) - (\sin(-\pi) - \cos(-\pi))$$

$$= (0 - (-1)) - (0 - (-1)) = 1 - 1 = 0$$



7:00

8:00

9:00

10:00

11:00

12:00

13:00

14:00

15:00

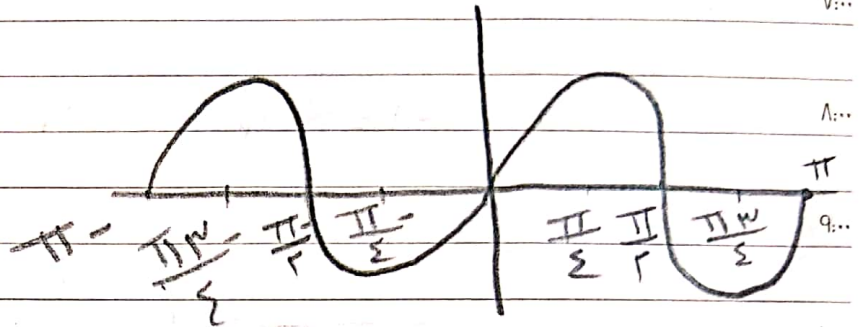
16:00

17:00

18:00

19:00

20:00



$$\sqrt{s} \cdot \sqrt{b} + \sqrt{r} \cdot \sqrt{a} \left\{ + \sqrt{s} \cdot \sqrt{b} - \sqrt{r} \cdot \sqrt{a} - \right\}$$

$$\text{مثال: } \frac{w}{r} = \frac{r-s}{r} \rightarrow \text{جوابه } \frac{r-s}{r}$$

$$\frac{r-s}{r} = \frac{r-s}{r}$$

$$\frac{r-s}{r} = \frac{r-s}{r}$$

$$\frac{r-s}{r} = \frac{r-s}{r}$$

$$\frac{r-s}{r} = \frac{r-s}{r}$$

$$\frac{w}{r} = \frac{r-s}{r} - (1-s) \cdot \frac{r}{r}$$

$$r \times \left(\frac{w}{r} = \frac{r-s}{r} - \frac{r}{r} \right)$$

$$w = r - s$$

February

S	3	10	17	24
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T	7	14	21	28
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S	2	9	16	23

March

S	3	10	17	24	31
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April

S		7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

راجع

7:00

$$3 = \frac{1}{2} - \frac{1}{2} \quad V_{\dots}$$

8:00

$$1 = 3 - \frac{1}{2} - \frac{1}{2} \quad A_{\dots}$$

9:00

$$3 + \frac{1}{2} - \frac{1}{2} \quad q_{\dots}$$

10:00

$$(3 - \frac{1}{2})(1 - \frac{1}{2}) \quad I_{\dots}$$

11:00

$$\boxed{3 = \frac{1}{2}} \quad \boxed{1 = \frac{1}{2}} \quad II_{\dots}$$

12:00

$$\text{ضال} \quad \text{؟} \quad 1 - \frac{1}{2} - \frac{1}{2} = \frac{1}{2} \quad 12_{\dots}$$

13:00

$$\frac{1}{2} - \frac{1}{2} \quad 13_{\dots}$$

14:00

$$\frac{1}{2} - \frac{1}{2} + \frac{1}{2} - \frac{1}{2} \quad 14_{\dots}$$

15:00

$$\frac{1}{2} - \frac{1}{2} + \frac{1}{2} - \frac{1}{2} \quad 15_{\dots}$$

16:00

$$\left(\frac{1}{2} - \frac{1}{2} \right) - \left(\frac{1}{2} - \frac{1}{2} \right) + \left(\frac{1}{2} - \frac{1}{2} \right) \quad 16_{\dots}$$

17:00

$$\frac{1}{2} + \frac{1}{2} - \frac{1}{2} + \frac{1}{2} \quad 17_{\dots}$$

18:00

$$\frac{1}{2} = \frac{1}{2} + \frac{1}{2} - \frac{1}{2} \quad 18_{\dots}$$

19:00

$$1 = \frac{1}{2} - \frac{1}{2} \quad 19_{\dots}$$

20:00

$$1 = \frac{1}{2} - \frac{1}{2} \quad 20_{\dots}$$

البنك العربي
ARAB BANK

$$\boxed{1 = \frac{1}{2}} \quad \boxed{1 = \frac{1}{2}} \quad 1 = (1 - \frac{1}{2}) \cdot \frac{1}{2}$$

7:00

$$\frac{C_0}{r} = \frac{P}{r} \left(1 - \frac{1}{(1+r)^N} \right) + \frac{P}{r} \frac{1}{(1+r)^N}$$

8:00

حقيقة P

9:00

$$i = P - r$$

$$P = r$$

10:00

$$\frac{C_0}{r} = \frac{P}{r} \left(1 - \frac{1}{(1+r)^N} \right) + \frac{P}{r} \frac{1}{(1+r)^N}$$

11:00

$$\frac{C_0}{r} = \frac{P}{r} \left(1 - \frac{1}{(1+r)^N} \right) + \frac{P}{r} \frac{1}{(1+r)^N}$$

12:00

$$\frac{C_0}{r} = \frac{P}{r} \left[\frac{1 - \frac{1}{(1+r)^N}}{r} + \frac{1}{(1+r)^N} \right]$$

13:00

$$\left(\frac{C_0}{r} - \frac{P}{r} \right) - \left(\frac{P}{r} - \frac{P}{r} \right) + \left(\frac{P}{r} - \frac{P}{r} \right) - \left(\frac{P}{r} - \frac{P}{r} \right)$$

15:00

$$\frac{C_0}{r} = \frac{P}{r} + \frac{P}{r} - \frac{P}{r} - \frac{P}{r} + \frac{P}{r} + \frac{P}{r} - \frac{P}{r} - \frac{P}{r}$$

16:00

$$\frac{C_0}{r} = \frac{P}{r} + P$$

17:00

$$C_0 = P \frac{1 - \frac{1}{(1+r)^N}}{r} + \frac{P}{r} \frac{1}{(1+r)^N}$$

18:00

$$C_0 = P \frac{1 - \frac{1}{(1+r)^N}}{r} + \frac{P}{r} \frac{1}{(1+r)^N}$$

19:00

$$0 = \frac{P}{r}$$

20:00

$$0 = P$$

February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

April

S		7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

آذار - مارس

March

12

٥ رجب ١٤٤٠ هـ

الثلاثاء

Tuesday

الأحد
١٤٤٠/٣/١

7:00

8:00

9:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

مثال ١: $\sqrt{0 + \sqrt{\frac{1}{2}}}$

$\sqrt{2} = 1$

$\sqrt{7} + \sqrt{0} =$

$11 = 7 + 0$

مثال ٢: $\sqrt{\frac{1}{2} + \sqrt{\frac{1}{2}}} - \sqrt{\frac{3}{2} + \sqrt{\frac{1}{2}}}$

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

$\sqrt{1} = 1$

$\sqrt{2} = 1 \times 1$

مثال ٣: $\sqrt{1 + \sqrt{\frac{1}{2}}}$

$\sqrt{1 + \sqrt{\frac{1}{2}}}$

$\sqrt{3} + \sqrt{1} =$

$\sqrt{3} = (3 - 0) + 3 + 1$

$\sqrt{3} = \frac{12}{12} = \frac{12}{12}$

$\frac{12}{3} = \frac{12}{3}$

$\frac{12}{3} = 4$

البنك العربي
ARAB BANK

2019

Scanned by CamScanner

7:00

خاصية المقارنت

8:00

9:00

10:00

11:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

February			
S	3	10	17
M	4	11	18
T	5	12	19
W	6	13	20
T	7	14	21
F	1	8	15
S	2	9	16

March			
S	3	10	17
M	4	11	18
T	5	12	19
W	6	13	20
T	7	14	21
F	1	8	15
S	2	9	16

April			
S	7	14	21
M	1	8	15
T	2	9	16
W	3	10	17
T	4	11	18
F	5	12	19
S	6	13	20

7:00

مثال: ادرس إشارة $\frac{1+s}{1-s}$ في $s=1$

8:00

+++++ $1+s$

9:00

+++++ $1-s$

10:00

+++++ $1-s$

11:00

+++++ $1-s$

12:00

$$\geq \frac{1+s}{1-s}$$

13:00

$$\geq \frac{1+s}{1-s}$$

14:00

مثال: اثبت انه $\frac{1+s}{1-s} \geq \frac{1+s}{1-s}$

15:00

$$= \frac{1+s}{1-s}$$

16:00

$$+++++ \frac{(1-s)(1-s)}{1-s}$$

17:00

$$+++++ \frac{1+s}{1-s}$$

18:00

$$+++++ \frac{1+s}{1-s}$$

19:00

طريقة اخرى

20:00

من التفاضل

$$+++++ \frac{1+s}{1-s}$$

$$+++++ \frac{1+s}{1-s}$$

7:00

مثال ٣: ادرس إشارة f على $[1, 3]$

8:00

$$f(x) = x^2 - 3x + 1$$

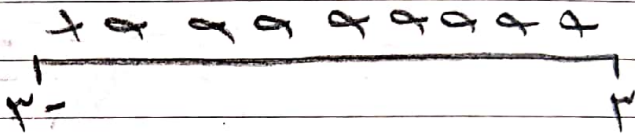
$$f'(x) = 2x - 3$$

$$f'(x) = 0 \Rightarrow x = \frac{3}{2}$$

9:00

$$f''(x) = 2$$

10:00



11:00

$$f(x) \leq f(1.5) \text{ على } [1, 3]$$

12:00

$$f(x) \geq f(1.5) \text{ على } [1.5, 3]$$

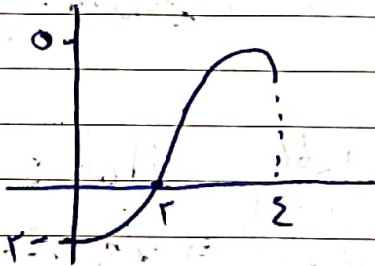
13:00

مثال ٤: في الشكل المجاور اوجد الجمل التالي قيمة

14:00

$$f(x) \leq f(1.5) \text{ على } [1, 3]$$

15:00



الجواب: $f(1.5) = 1$

16:00

$$f(x) \leq f(1.5) \text{ على } [1, 3]$$

17:00

$$f(x) \geq f(1.5) \text{ على } [1.5, 3]$$

18:00

مثال ٥: اذا كانت $f(x) \leq f(1.5)$ على $[1, 3]$ اقل قيمة $f(1.5)$ هي

19:00

$$f(x) \leq f(1.5) \text{ على } [1, 3]$$

20:00

$$f(x) \leq f(1.5) \text{ على } [1, 3]$$

$$f(x) \leq f(1.5) \text{ على } [1, 3]$$

$$f(x) \leq f(1.5) \text{ على } [1, 3]$$

$$f(1.5) = 1$$

February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

April

S		7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

الاثنين

٢٠/٣/٢٠٢٠

7:00

مثال: إذا كان $1 \leq x \leq 3$ على $[1, 3]$

8:00

جد أكبر وأقل قيمة $f(x)$

9:00

$$3 \geq 1 + \frac{(x-1)^2}{2} \geq 3$$

10:00

$$2 \geq \frac{(x-1)^2}{2} \geq 1$$

11:00

$$4 \geq (x-1)^2 \geq 1$$

$$3 \geq 0 + (x-1)^2 \geq 9$$

12:00

$$3 \geq (x-1)^2 \geq 0.5 + (x-1)^2 \geq 9$$

13:00

$$9 \geq (x-1)^2 \geq 0.5 + (x-1)^2 \geq 9$$

14:00

الأقل

15:00

مثال: في الرسم المجاور $f(x)$

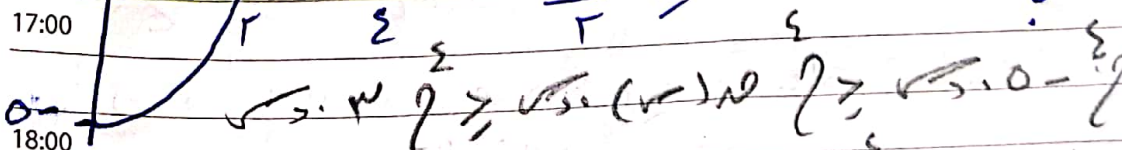
16:00

جد قيمة $f(x)$ حيث

17:00

$$x = \frac{2}{3}$$

18:00



19:00

$$12 \geq (x-1)^2 \geq 0.5 + (x-1)^2 \geq 12$$

20:00

$$12 \geq (x-1)^2 \geq 0.5 + (x-1)^2 \geq 12$$

$$12 = \frac{2}{3}$$

$$24 = 2$$

$$2 = 2$$

آذار - مارس
March
17

١٠ رجب ١٤٤٠ هـ

الأحد
Sunday
الثلاثاء
١٢/٣/٢٠٢٠

7:00

8:00

9:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

٢٠ جـ أكبر و اقل قيمة ٢ حـ (س) دس

٥- حـ دس ٣

٢٥ حـ (س) دس

٢٠ دس ٢ حـ حـ (س) دس ٢٥ دس

٢ حـ حـ (س) دس ١٠٠

٢ حـ حـ (س) دس ١٠٠

١٤٠٠ حـ حـ (س) دس ١٠٠

٢ حـ حـ (س) دس ١٠٠

٢ حـ حـ (س) دس ١٠٠

٢ حـ حـ (س) دس ١٠٠

٢ حـ حـ (س) دس ١٠٠

٢ حـ حـ (س) دس ١٠٠

٢ حـ حـ (س) دس ١٠٠

٢ حـ حـ (س) دس ١٠٠

February

S 3 10 17 24
M 4 11 18 25
T 5 12 19 26
W 6 13 20 27
T 7 14 21 28
F 1 8 15 22
S 2 9 16 23

March

S 3 10 17 24 31
M 4 11 18 25
T 5 12 19 26
W 6 13 20 27
T 7 14 21 28
F 1 8 15 22 29
S 2 9 16 23 30

April

S 7 14 21 28
M 1 8 15 22 29
T 2 9 16 23 30
W 3 10 17 24
T 4 11 18 25
F 5 12 19 26
S 6 13 20 27

تابع

7:00

$$3 \geq \frac{3}{1-\sqrt{2}} \geq \frac{3}{0} \quad \text{ص (1)} = 3 \quad \text{ص (3)} = 0$$

8:00

$$\frac{3}{0} \geq \frac{3}{1-\sqrt{2}} \geq \frac{3}{0} \quad \text{ص (1)} = 3 \quad \text{ص (3)} = 0$$

9:00

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

10:00

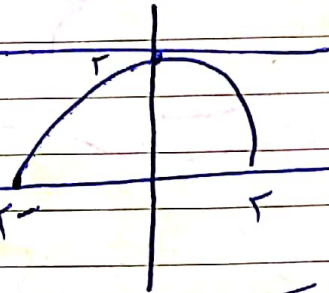
مثال: أثبت أنه في كل عدد طبيعي (n) و (n+1)

12:00

التفصيل البياني



13:00



14:00

منه التفصيل البياني من ٢٠٠٠

15:00

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

16:00

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

مثال: حدد قيم م، ن حيث م، ن

18:00

البناء

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

19:00

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

20:00

تابع

7:00

 $V_{\dots}$

8:00

 $\Lambda_{\dots}$

9:00

9...

10:00

1500

11:00

11:00

12:00

 $\frac{1}{2}$

13:00

۱۳۰۰

14:00

13...

مثال: جرقية p حيث ان $\frac{p}{0 + \sqrt{10}r} \geq p$

16:00

17:00

17:00

IV:..

18:00

1A...

19:00

19..

20:00

...

February

S		3	10	17	24
M		4	11	18	25
T		5	12	19	26
W		6	13	20	27
T		7	14	21	28
F	1	8	15	22	
S	2	9	16	23	

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

April 4

S	7	14	21	28
M	1	8	15	22
T	2	9	16	23
W	3	10	17	24
T	4	11	18	25
F	5	12	19	26
S	6	13	20	27

آذار - مارس

March

20

الأربعاء

Wednesday

الثلاثاء

٢٠٢٠ / ٣ / ٣

7:00

8:00

9:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

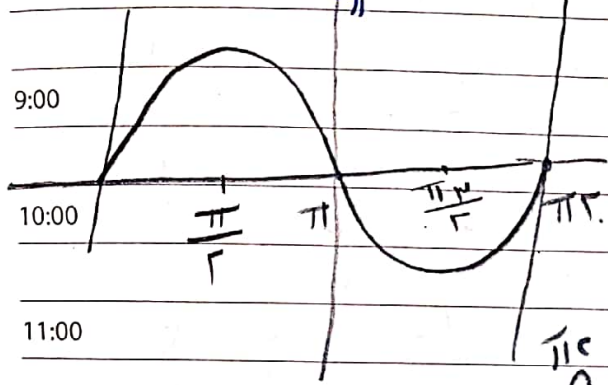
17:00

18:00

19:00

20:00

مثال : جد قيمة $\lim_{x \rightarrow \frac{\pi}{2}} \frac{1 - \cos x}{x - \frac{\pi}{2}}$



١- جاسا

١- جاسا

٢- جاسا

٣- جاسا

٤- جاسا

٥- جاسا

٦- جاسا

مثال : $\lim_{x \rightarrow 0} \frac{1 - \cos x}{x^2}$

جد الكبر وأقل قيمة

$\lim_{x \rightarrow 0} \frac{1 - \cos x}{x^2}$

١- جاسا

٢- جاسا

٣- جاسا

٤- جاسا

7:00

مثال: جد أكبر وأقل قيمة $\frac{1}{\sqrt{1+s}}$ في $\frac{\pi}{2}$

8:00

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14:00

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17:00

18:00

19:00

20:00

February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

April

S	7	14	21	28	
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

آذار - مارس

March

23

١٦ رجب ١٤٤٠ هـ

السبت

Saturday

الخميس

٢٠٢٠/٣/٥

7:00

8:00

9:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

$$1 \geq \frac{1}{2} \geq \frac{1}{3}$$

$$\frac{1}{2} \geq \frac{1}{3} \geq \frac{1}{4}$$

$$\frac{1}{2} \geq \frac{1}{3} \geq \frac{1}{4}$$

$$\frac{1}{2} \geq \frac{1}{3} \geq \frac{1}{4}$$

$$\frac{1}{2} \geq \frac{1}{3} \geq \frac{1}{4}$$

$$\frac{1}{2} \geq \frac{1}{3} \geq \frac{1}{4}$$

التكامل بالعويض

$$u = (1+x)^{\frac{1}{2}}$$

الاقتراح ان نضع $u = (1+x)^{\frac{1}{2}}$ غير قابل للفك نستخد

التعويض كل المسألة

$$u = (1+x)^{\frac{1}{2}}$$

$$u + \frac{1}{2} u^{\frac{1}{2}} = \frac{1}{2} x^{\frac{1}{2}}$$

$$u + \frac{1}{2} (1+x)^{\frac{1}{2}} = \frac{1}{2} x^{\frac{1}{2}}$$

$$1 + u = u^2$$

$$u^2 = \frac{1}{2} x^{\frac{1}{2}}$$

$$\frac{u^2}{u^{\frac{1}{2}}} = \frac{1}{2} x^{\frac{1}{2}}$$

$$\frac{u^2}{u^{\frac{1}{2}}} = \frac{1}{2} x^{\frac{1}{2}}$$

تابع

February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

April

S		7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

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الشكل العام $\leftarrow \int \frac{1}{\sqrt{1-x^2}} dx$ د. ص

$$\int \frac{1}{\sqrt{1-x^2}} dx$$

$$\int \frac{1}{\sqrt{1-x^2}} dx = \arcsin(x) + C$$

$$1-x^2 = u$$

$$-2x = \frac{du}{dx} \Rightarrow \frac{du}{u} = -\frac{2}{x} dx$$

$$\frac{du}{u} = -\frac{2}{x} dx \Rightarrow \ln|u| = -2 \ln|x| + C$$

$$\ln|1-x^2| = -2 \ln|x| + C \Rightarrow \ln|1-x^2| = \ln|x^{-2}| + C$$

$$1-x^2 = \frac{C}{x^2} \Rightarrow x^2(1-x^2) = C$$

$$x^2 - x^4 = \frac{C}{x^2} \Rightarrow x^4 - x^2 = C$$

$$x^4 - x^2 = C \Rightarrow x^2(x^2 - 1) = C$$

$$x^2 - 1 = u$$

$$2x = \frac{du}{dx} \Rightarrow \frac{du}{u} = \frac{2}{x} dx$$

$$\frac{du}{u} = \frac{2}{x} dx \Rightarrow \ln|u| = 2 \ln|x| + C$$

آذار - مارس
March
25

١٨ رجب ١٤٤٠ هـ

الاثنين
Monday

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16:00

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17:00

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18:00

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19:00

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20:00

٢٠:٠٠

$$\frac{w_p}{w_p} \cdot (w_p) \cdot \frac{w_p}{w_p}$$

$$\frac{w_p}{w_p} \cdot \frac{w_p}{w_p}$$

$$\frac{p + \frac{w_p}{p}}{p + \frac{w_p}{p} + 1}$$

$$\frac{w_p}{w_p} \cdot \frac{w_p}{w_p} \cdot \frac{w_p}{w_p}$$

$$\frac{w_p}{w_p} = \frac{w_p}{w_p}$$

$$\frac{w_p}{w_p} = \frac{w_p}{w_p}$$

$$\frac{w_p}{w_p} \cdot \frac{w_p}{w_p} \cdot \frac{w_p}{w_p}$$

$$\frac{w_p}{w_p} \cdot \frac{w_p}{w_p} \cdot \frac{w_p}{w_p}$$

$$\frac{w_p}{w_p} \cdot \frac{w_p}{w_p} \cdot \frac{w_p}{w_p}$$

تابع

February

S	3	10	17	24
M	4	11	18	25
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W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

April

S		7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

7:00

مثال: $\int \frac{1}{x} dx = \ln|x| + C$

8:00

ملاحظات:
هل مشتقات الدوال
موجودة في الخارج

9:00

مثال: $\int \frac{1}{x^2} dx = -\frac{1}{x} + C$

10:00

$$\int \frac{1}{x^2} dx = -\frac{1}{x} + C$$

11:00

$$\int \frac{1}{x^2} dx = -\frac{1}{x} + C$$

12:00

$$\int \frac{1}{x^2} dx = -\frac{1}{x} + C$$

13:00

$$\int \frac{1}{x^2} dx = -\frac{1}{x} + C$$

14:00

$$\int \frac{1}{x^2} dx = -\frac{1}{x} + C$$

15:00

$$\int \frac{1}{x^2} dx = -\frac{1}{x} + C$$

16:00

$$\int \frac{1}{x^2} dx = -\frac{1}{x} + C$$

17:00

$$\int \frac{1}{x^2} dx = -\frac{1}{x} + C$$

18:00

$$\int \frac{1}{x^2} dx = -\frac{1}{x} + C$$

19:00

$$\int \frac{1}{x^2} dx = -\frac{1}{x} + C$$

20:00

$$\int \frac{1}{x^2} dx = -\frac{1}{x} + C$$

7:00

مثال: $\frac{1}{\sqrt{v}}$ جا $\sqrt{v}$ دس

8:00

الزاوية غير خطية
نقترها

9:00

10:00

$$\sqrt{v} = \sqrt{v}$$

11:00

$$\sqrt{v} = \sqrt{v}$$

$$\sqrt{v} = \sqrt{v} \cdot \sqrt{v}$$

12:00

$$\frac{1}{\sqrt{v}} \cdot \sqrt{v} = \sqrt{v} \cdot \sqrt{v}$$

13:00

$$\sqrt{v} \cdot \sqrt{v} = \sqrt{v}$$

14:00

$$\frac{1}{\sqrt{v}} \cdot \sqrt{v} = \sqrt{v}$$

15:00

$$\frac{1}{\sqrt{v}} \cdot \sqrt{v} = \sqrt{v}$$

16:00

$$\frac{1}{\sqrt{v}} \cdot \sqrt{v} = \sqrt{v}$$

17:00

$$\frac{1}{\sqrt{v}} \cdot \sqrt{v} = \sqrt{v}$$

18:00

$$\frac{1}{\sqrt{v}} \cdot \sqrt{v} = \sqrt{v}$$

19:00

$$\frac{1}{\sqrt{v}} \cdot \sqrt{v} = \sqrt{v}$$

20:00

$$\frac{1}{\sqrt{v}} \cdot \sqrt{v} = \sqrt{v}$$

$$\frac{1}{\sqrt{v}} \cdot \sqrt{v} = \sqrt{v}$$

February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

April

S		7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

آذار - مارس

March

28

٢١ رجب ١٤٤٠ هـ

الخميس

Thursday

الخميس
٢٠٢٠/٣/٥

7:00

$$\checkmark \text{ صاك } ? \frac{\sqrt{0+0} \sqrt{0+0}}{\sqrt{(\sqrt{0+0} \sqrt{0+0})}}$$

8:00

$$\checkmark \sqrt{0+0} = 0$$

9:00

$$\checkmark \sqrt{0+0} = \frac{0}{0}$$

$$\checkmark \text{ صاك } ? \frac{(\sqrt{0+1}) \sqrt{0+1}}{\sqrt{(\sqrt{0+1} \sqrt{0+1})}}$$

10:00

$$\checkmark \sqrt{0+0} = 0$$

$$\checkmark \text{ صاك } ? \frac{\sqrt{0+0} \sqrt{0+0}}{\sqrt{(\sqrt{0+0} \sqrt{0+0})}}$$

11:00

12:00

$$\checkmark \text{ صاك } ? \frac{\sqrt{0+0} \sqrt{0+0}}{\sqrt{(\sqrt{0+0} \sqrt{0+0})}}$$

13:00

$$\checkmark \text{ صاك } ? \frac{\sqrt{0+0} \sqrt{0+0}}{\sqrt{(\sqrt{0+0} \sqrt{0+0})}}$$

14:00

$$\checkmark \text{ صاك } ? \frac{\sqrt{0+0} \sqrt{0+0}}{\sqrt{(\sqrt{0+0} \sqrt{0+0})}}$$

15:00

$$\checkmark \text{ صاك } ? \frac{\sqrt{0+0} \sqrt{0+0}}{\sqrt{(\sqrt{0+0} \sqrt{0+0})}}$$

16:00

17:00

18:00

19:00

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الإثنين

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مثال: جد جاس دس

جاس، جاس

نه زوجي

نه فردي خرج واحدة

 $\frac{1}{2} (1 \pm \text{جاس})$

نكتب المسألة

بدلالة ١ - جاس
١ - جاس

مثال: جاس دس

جاس (جاس دس)

 $\frac{1}{2} (1 + \text{جاس})$ دس $\frac{1}{4} (1 + \text{جاس})$ دس $\frac{1}{8} (1 + \text{جاس})$ دس $\frac{1}{16} (1 + \text{جاس})$ دس $\frac{1}{32} (1 + \text{جاس})$ دس $\frac{1}{64} (1 + \text{جاس})$ دس $\frac{1}{128} (1 + \text{جاس})$ دس $\frac{1}{256} (1 + \text{جاس})$ دس

جاس جاس دس

جاس (١ - جاس) دس

جاس = دس

دس = جاس

دس = جاس

جاس (١ - جاس) دس

جاس (١ - جاس) دس

جاس = دس

جاس = دس

February

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

April

S	7	14	21	28	
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

آذار - مارس
March
30

٢٣ رجب ١٤٤٠ هـ

السبت
Saturday

7:00

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12:00

13:00

14:00

15:00

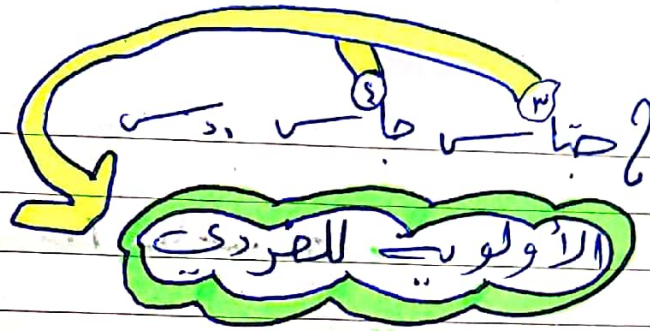
16:00

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19:00

20:00



مثال ٧:٠٠

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؟ حاسب حاسب حاسب حاسب

؟ حاسب (١- حاسب) حاسب حاسب

$$\begin{aligned} \text{حاسب} &= \text{حاسب} \\ \text{حاسب} &= \frac{\text{حاسب}}{\text{حاسب}} \end{aligned}$$

$$\text{حاسب} = \frac{\text{حاسب}}{\text{حاسب}}$$

؟ حاسب (١- حاسب) حاسب حاسب

؟ حاسب - حاسب حاسب حاسب

$$\frac{\text{حاسب}}{\text{حاسب}} - \frac{\text{حاسب}}{\text{حاسب}} + \frac{\text{حاسب}}{\text{حاسب}}$$

$$\frac{\text{حاسب}}{\text{حاسب}} - \frac{\text{حاسب}}{\text{حاسب}} + \frac{\text{حاسب}}{\text{حاسب}}$$



مثال ١٨:٠٠

١٩:٠٠

٢٠:٠٠

فردية + فردية الأولوية للأفراد من الفردية
الأولوية

$V_{\dots}$

$\sqrt{3} \cdot \sqrt{6} \sqrt{2} \sqrt{3} \sqrt{2}$

 $\Delta_{\dots}$
$$v_1, v^0, (v^1 - 1), v^2$$
 $q_{i \dots}$
$$v_b = v_f$$

1000

$$\sqrt{10} = \frac{30}{\sqrt{10}}$$

11..

wpj = v - >

حقاً

If...

~~$$\frac{w_0}{s} \cdot (r_{w_0} - 1) \cdot \dots$$~~

۱۳۰

$$v_p, (\sum v_p - 0 v_p)$$

1400

$$\Delta + \frac{1}{\omega} - \frac{1}{\omega}$$

10.11

$$p + \frac{v^2}{2} + \frac{v^2}{2}$$

17

مثال: جاسوس حواس

IV...

[illegible]

18...

$$v_2 \cdot (v_2 \cdot \vec{a} + 1) \frac{1}{r} (v_2 \cdot \vec{a} + 1) 2$$

19..

$$v_s = (\sqrt{r} \omega + 1) \sqrt{r} \omega \frac{1}{\lambda} z$$

from

$$v_{\perp} \cdot v_{\perp}^{\text{to}} v_{\perp}^{\text{r}} \left[\frac{1}{\lambda} + v_{\perp} \cdot v_{\perp}^{\text{c}} \left[\frac{1}{\lambda} \right] \right]$$

تاج

S	3	10	17	24
M	4	11	18	25
T	5	12	19	26
W	6	13	20	27
T	7	14	21	28
F	1	8	15	22
S	2	9	16	23

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

S		7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

7:00

$$ص = حاصري$$

$$\frac{1}{8} \left[حاصري \cdot ص + \frac{1}{8} \right] حاصري \cdot د$$

8:00

$$\frac{د}{ص} = حاصري$$

$$\frac{1}{8} \left[حاصري \cdot (ص - حاصري) + \frac{1}{8} \right] حاصري \cdot د$$

9:00

$$\frac{د}{ص} = حاصري$$

$$\frac{1}{8} \left[حاصري \cdot (ص - حاصري) + \frac{1}{16} \right] حاصري \cdot د$$

10:00

$$\frac{1}{16} \left[حاصري \cdot (ص - حاصري) + \frac{1}{16} \right] حاصري \cdot د$$

11:00

$$\frac{1}{16} \left[حاصري \cdot (ص - حاصري) + \frac{1}{16} \right] حاصري \cdot د + \frac{1}{3} \frac{د}{ص}$$

12:00

$$\frac{1}{16} \left[حاصري \cdot (ص - حاصري) + \frac{1}{16} \right] حاصري \cdot د + \frac{1}{3} \frac{د}{ص} + \frac{1}{3} \frac{د}{ص}$$

13:00

$$\frac{1}{16} \left[حاصري \cdot (ص - حاصري) + \frac{1}{16} \right] حاصري \cdot د$$

14:00

$$\frac{1}{16} \left[حاصري \cdot (ص - حاصري) + \frac{1}{16} \right] حاصري \cdot د$$

15:00

$$ص = حاصري$$

$$\frac{1}{16} \left[حاصري \cdot (ص - حاصري) + \frac{1}{16} \right] حاصري \cdot د$$

16:00

$$\frac{د}{ص} = حاصري$$

$$\frac{1}{16} \left[حاصري \cdot (ص - حاصري) + \frac{1}{16} \right] حاصري \cdot د$$

17:00

$$\frac{د}{ص} = حاصري$$

$$\frac{1}{16} \left[حاصري \cdot (ص - حاصري) + \frac{1}{16} \right] حاصري \cdot د$$

$$\frac{1}{16} \left[حاصري \cdot (ص - حاصري) + \frac{1}{16} \right] حاصري \cdot د$$

18:00

$$\frac{1}{16} \left[حاصري \cdot (ص - حاصري) + \frac{1}{16} \right] حاصري \cdot د + \frac{1}{3} \frac{د}{ص}$$

19:00

$$\frac{1}{16} \left[حاصري \cdot (ص - حاصري) + \frac{1}{16} \right] حاصري \cdot د + \frac{1}{3} \frac{د}{ص} + \frac{1}{3} \frac{د}{ص}$$

20:00

7:00

مثال: $\frac{1}{1-v} = \frac{1}{1-v}$

8:00

$\frac{1}{1-v} = \frac{1}{1-v}$

9:00

$\frac{1}{1-v} = \frac{1}{1-v}$

10:00

$\frac{1}{1-v} = \frac{1}{1-v}$

11:00

$\frac{1}{1-v} = \frac{1}{1-v}$

12:00

$\frac{1}{1-v} = \frac{1}{1-v}$

13:00

$\frac{1}{1-v} = \frac{1}{1-v}$

14:00

مثال: $\frac{1}{1-v} = \frac{1}{1-v}$

15:00

$\frac{1}{1-v} = \frac{1}{1-v}$

16:00

$\frac{1}{1-v} = \frac{1}{1-v}$

17:00

$\frac{1}{1-v} = \frac{1}{1-v}$

18:00

$\frac{1}{1-v} = \frac{1}{1-v}$

19:00

$\frac{1}{1-v} = \frac{1}{1-v}$

20:00

$\frac{1}{1-v} = \frac{1}{1-v}$

March

S 3 10 17 24 31
M 4 11 18 25
T 5 12 19 26
W 6 13 20 27
T 7 14 21 28
F 1 8 15 22 29
S 2 9 16 23 30

April

S 7 14 21 28
M 1 8 15 22 29
T 2 9 16 23 30
W 3 10 17 24
T 4 11 18 25
F 5 12 19 26
S 6 13 20 27

May

S 5 12 19 26
M 6 13 20 27
T 7 14 21 28
W 1 8 15 22 29
T 2 9 16 23 30
F 3 10 17 24 31
S 4 11 18 25

نيسان - أبريل

April

3

الأربعاء

٢٧ رجب ١٤٤٠ هـ

Wednesday

الاثنين
١٣/٣/٢٠٢٠

٧:٠٠ مثال : $7 \times 2 = 14$

7:00

8:00

$8 \times 2 = 16$

9:00

$9 \times 2 = 18$

10:00

$10 \times 2 = 20$

11:00

$11 \times 2 = 22$

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

2019

الملاحظات

٢٢.٢ / ٣/١١

7:00

8:00

9:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

$$\text{مثال د} \quad \frac{\sqrt{3+1}}{0} \quad \text{د}$$

$$\begin{aligned} 3+1 &= 4 \\ \sqrt{4} &= 2 \\ \text{د} &= 2 \end{aligned}$$

$$\text{د} = \frac{\sqrt{4}}{2} = 1$$

$$\text{د} = \frac{\sqrt{4}}{2} = 1$$

$$\text{مثال د} \quad \frac{\sqrt{3+1}}{0} \quad \text{د}$$

$$\frac{1}{3} = \frac{\sqrt{4}}{0} \quad \text{د}$$

$$\frac{1}{3} = \frac{\sqrt{4}}{0} \quad \text{د}$$

$$\frac{1}{3} = \frac{\sqrt{4}}{0} \quad \text{د}$$

$$\frac{1}{3} = \frac{\sqrt{4}}{0} \quad \text{د}$$

$$\text{مثال د} \quad \frac{\sqrt{3+1}}{0} \quad \text{د}$$

$$\sqrt{3+1} = 2$$

$$\frac{2}{2} = 1$$

$$\text{د} = 1$$

$$\frac{2}{2} = 1$$

March					
S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

April					
S	7	14	21	28	
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

May					
S	5	12	19	26	
M	6	13	20	27	
T	7	14	21	28	
W	1	8	15	22	29
T	2	9	16	23	30
F	3	10	17	24	31
S	4	11	18	25	

7:00
$$\frac{2}{\sqrt{2}} \cdot \frac{2}{\sqrt{2}} = 2$$

8:00
$$\frac{2}{\sqrt{2}} \cdot \frac{2}{\sqrt{2}} = 2$$

9:00
$$\frac{2}{\sqrt{2}} \cdot \frac{2}{\sqrt{2}} = 2$$

10:00
$$\frac{2}{\sqrt{2}} \cdot \frac{2}{\sqrt{2}} = 2$$

11:00
$$\frac{2}{\sqrt{2}} \cdot \frac{2}{\sqrt{2}} = 2$$

12:00
$$\frac{2}{\sqrt{2}} \cdot \frac{2}{\sqrt{2}} = 2$$

13:00
$$\frac{2}{\sqrt{2}} \cdot \frac{2}{\sqrt{2}} = 2$$

14:00
$$\frac{2}{\sqrt{2}} \cdot \frac{2}{\sqrt{2}} = 2$$

15:00
$$\frac{2}{\sqrt{2}} \cdot \frac{2}{\sqrt{2}} = 2$$

16:00
$$\frac{2}{\sqrt{2}} \cdot \frac{2}{\sqrt{2}} = 2$$

17:00
$$\frac{2}{\sqrt{2}} \cdot \frac{2}{\sqrt{2}} = 2$$

18:00
$$\frac{2}{\sqrt{2}} \cdot \frac{2}{\sqrt{2}} = 2$$

19:00
$$\frac{2}{\sqrt{2}} \cdot \frac{2}{\sqrt{2}} = 2$$

20:00
$$\frac{2}{\sqrt{2}} \cdot \frac{2}{\sqrt{2}} = 2$$

7:00

$$V \dots \quad \text{و د . ء - و د}$$

8:00

$$A \dots \quad \text{و د + ء - و د}$$

9:00

$$I \dots \quad \text{و د + (و د + و د) ء -}$$

11:00

$$II \dots \quad \text{مثال ب : و د - و د}$$

12:00

III \dots \quad \text{الجذور غالباً تفرض}

13:00

14:00

$$IV \dots \quad \text{و د = و د - و د}$$

15:00

$$V \dots \quad \text{و د = و د - و د}$$

16:00

$$VI \dots \quad \text{و د = و د - و د}$$

17:00

$$VII \dots \quad \text{و د - و د}$$

$$VIII \dots \quad \text{و د = و د - و د}$$

18:00

$$IX \dots \quad \text{و د = و د - و د}$$

19:00

$$X \dots \quad \text{و د = و د - و د}$$

20:00

$$XI \dots \quad \text{و د = و د - و د}$$

سابع

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

April

S		7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

May

S		5	12	19	26
M		6	13	20	27
T		7	14	21	28
W	1	8	15	22	29
T	2	9	16	23	30
F	3	10	17	24	31
S	4	11	18	25	

7:00

$$V_{\dots} \quad 2 \quad \frac{w \cdot \frac{w}{r} \cdot \frac{w}{r}}{r} \cdot D \cdot w$$

8:00

$$A_{\dots} \quad 2 \quad \frac{w \cdot \frac{w}{r} \cdot \frac{w}{r}}{r} \cdot D \cdot w$$

9:00

$$Q_{\dots} \quad 2 \quad \frac{w \cdot \frac{w}{r} \cdot \frac{w}{r}}{r} \cdot D \cdot w$$

10:00

$$I_{\dots} \quad 2 \quad \frac{w}{r} \cdot D \cdot w$$

11:00

$$I_{\dots} \quad \frac{w}{r} \cdot D \cdot w$$

12:00

$$I_{\dots} \quad \frac{w}{r} \cdot D \cdot w$$

13:00

$$I_{\dots} \quad \frac{w}{r} \cdot D \cdot w$$

14:00

$$I_{\dots} \quad \frac{w}{r} \cdot D \cdot w$$

15:00

$$I_{\dots} \quad \frac{w}{r} \cdot D \cdot w$$

16:00

$$I_{\dots} \quad \frac{w}{r} \cdot D \cdot w$$

17:00

$$I_{\dots} \quad \frac{w}{r} \cdot D \cdot w$$

18:00

$$I_{\dots} \quad \frac{w}{r} \cdot D \cdot w$$

19:00

$$I_{\dots} \quad \frac{w}{r} \cdot D \cdot w$$

20:00

$$I_{\dots} \quad \frac{w}{r} \cdot D \cdot w$$

$$I_{\dots} \quad \frac{w}{r} \cdot D \cdot w$$

تابع

البنك العربي
ARAB BANK

7:00

$$u \cdot (1 + 0 - u) \cdot u$$

8:00

$$u \cdot (2 - u) \cdot u$$

9:00

$$u \cdot (u^2 - u^3) \cdot u$$

10:00

$$u \cdot (u^2 - u^3) \cdot u$$

11:00

$$u + \frac{u^2}{3} - \frac{u^3}{6}$$

12:00

$$u + \frac{(0 + \sqrt{2} - u^2)}{3} - \frac{(0 + \sqrt{2} - u^2)u}{6}$$

13:00

$$\left(\frac{u + \sqrt{2}}{1 - u} \right) \cdot \frac{1}{u - \sqrt{2} + u^2} \cdot \frac{1}{u}$$

15:00

$$\frac{u + \sqrt{2}}{1 - u} \cdot \frac{(1 - u)u \cdot u^2 \cdot u}{(1 - u)(u + \sqrt{2})} \cdot \frac{1}{u}$$

16:00

$$\frac{u + \sqrt{2}}{1 - u} = u^2 \cdot \frac{(1 - u)}{(u + \sqrt{2})} \cdot \frac{1}{u}$$

17:00

$$\frac{(u + \sqrt{2}) - (1 - u)}{2(1 - u)} = \frac{u \cdot u \cdot u}{u}$$

19:00

$$\frac{u - \sqrt{2} - 1 + u}{2(1 - u)} = \frac{u \cdot u \cdot u}{u}$$

20:00

$$\frac{u - \sqrt{2}}{2(1 - u)} = \frac{u \cdot u \cdot u}{u}$$

March	April	May
S 10 17 24 31	S 1 8 15 22 29	S 5 12 19 26
M 4 11 18 25	M 2 9 16 23 30	M 6 13 20 27
T 5 12 19 26	T 3 10 17 24	T 7 14 21 28
W 6 13 20 27	W 4 11 18 25	W 8 15 22 29
T 7 14 21 28	T 5 12 19 26	T 9 16 23 30
F 8 15 22 29	F 6 13 20 27	F 10 17 24 31
S 9 16 23 30	S 7 14 21 28	S 11 18 25

7:00

8:00

9:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

$$V_{\infty} = \frac{1}{r} \left(\frac{1}{1 + \frac{r}{100}} \right)^n$$

$$V_{\infty} = \frac{1}{r} \left(\frac{1}{1 + \frac{r}{100}} \right)^n$$

$$V_{\infty} = \frac{1}{r} \left(\frac{1}{1 + \frac{r}{100}} \right)^n$$

$$V_{\infty} = \frac{1}{r} \left(\frac{1}{1 + \frac{r}{100}} \right)^n$$

$$V_{\infty} = \frac{1}{r} \left(\frac{1}{1 + \frac{r}{100}} \right)^n$$

$$V_{\infty} = \frac{1}{r} \left(\frac{1}{1 + \frac{r}{100}} \right)^n$$

$$V_{\infty} = \frac{1}{r} \left(\frac{1}{1 + \frac{r}{100}} \right)^n$$

$$V_{\infty} = \frac{1}{r} \left(\frac{1}{1 + \frac{r}{100}} \right)^n$$

$$V_{\infty} = \frac{1}{r} \left(\frac{1}{1 + \frac{r}{100}} \right)^n$$

$$V_{\infty} = \frac{1}{r} \left(\frac{1}{1 + \frac{r}{100}} \right)^n$$

$$V_{\infty} = \frac{1}{r} \left(\frac{1}{1 + \frac{r}{100}} \right)^n$$

$$V_{\infty} = \frac{1}{r} \left(\frac{1}{1 + \frac{r}{100}} \right)^n$$

نيسان - أبريل

April

10

٥ شعبان ١٤٤٠ هـ

7:00

8:00

9:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

$$\sqrt[n]{\left(\frac{\pi \cdot \omega + 1}{\Sigma}\right)} \cdot \frac{c}{n} - \sqrt[n]{\left(\frac{\pi \cdot \omega + 1}{\Sigma}\right)} \cdot \frac{c}{n}$$

$$\sqrt[n]{(-1 + 1)} \cdot \frac{c}{n}$$

$$\sqrt[n]{\left(\frac{1}{\Sigma} + 1\right)} \cdot \frac{c}{n} - \frac{c}{n}$$

$$\sqrt[n]{\left(\frac{\frac{1}{\Sigma} + 1}{\frac{1}{\Sigma}}\right)} \cdot \frac{c}{n} - \frac{c}{n}$$

$$\sqrt[n]{\frac{1}{\sqrt[n]{\frac{1}{\Sigma} + 1}} \cdot \frac{c}{n}}$$

$$\sqrt[n]{\frac{1}{\sqrt[n]{\frac{1}{\Sigma} + 1}} \cdot \frac{c}{n}}$$

$$\sqrt[n]{\frac{c}{n} \cdot \frac{c}{n}}$$

$$\sqrt[n]{\frac{c}{n} \cdot \frac{c}{n}}$$

$$\sqrt[n]{\frac{c}{n} \cdot \frac{c}{n}}$$

$$\sqrt[n]{\frac{c}{n} \cdot \frac{c}{n}}$$

$$\sqrt[n]{\frac{c}{n}} = \frac{c}{n}$$

$$\sqrt[n]{\frac{c}{n}} = \frac{c}{n}$$

$$\sqrt[n]{\frac{c}{n}} = \frac{c}{n}$$

$$\sqrt[n]{\frac{c}{n}} = \frac{c}{n}$$

March					
S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

April					
S	7	14	21	28	
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

May					
S	5	12	19	26	
M	6	13	20	27	
T	7	14	21	28	
W	1	8	15	22	29
T	2	9	16	23	30
F	3	10	17	24	31
S	4	11	18	25	

نيسان - أبريل

April

11

٦ شعبان ١٤٤٠ هـ

الخميس

Thursday

7:00

8:00

9:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

الأربعاء

٢٢.٢.١١

V...

A...

Q...

I...

II...

IF...

IF...

IF...

IO...

IF...

IV...

IA...

IQ...

IF...

د.س.

د.س.

$$\frac{1}{\frac{1-v}{1+v}} = \frac{1+v}{1-v}$$

$$\frac{1-v}{1+v} = \frac{1}{\frac{1+v}{1-v}}$$

$$\frac{(1-v) - (1+v)}{2(1+v)} = \frac{1-v}{1+v} \cdot \frac{1}{\frac{1+v}{1-v}}$$

$$\frac{1-v}{1+v} = \frac{1-v}{1+v}$$

$$\frac{1-v}{1+v} = \frac{1-v}{1+v}$$

$$\frac{1-v}{1+v} = \frac{1-v}{1+v}$$

$$\frac{1}{1+v}$$

$$\frac{1}{1+v}$$

$$\frac{1}{1+v}$$

نيسان - أبريل
April
12

٧ شعبان ١٤٤٠ هـ

الجمعة
Friday

7:00

مثاله ٢: $\frac{1}{\sum (ص + صص)}$ دس

8:00

9:00

$\frac{1}{\sum (صص + (1 + \frac{صص}{ص}))}$ دس

10:00

11:00

$\frac{ص}{\sum (ص + 1)}$ دس

12:00

$\frac{ص (1 - ص) دس}{\sum (ص)}$ دس

13:00

$\frac{ص (1 - ص) دس}{\sum (ص)}$ دس

15:00

16:00

17:00

18:00

19:00

20:00

$\frac{1}{\sum (ص + 1)} - \frac{ص}{\sum (ص + 1)}$ دس

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

April

S		7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

May

S		5	12	19	26
M		6	13	20	27
T		7	14	21	28
W	1	8	15	22	29
T	2	9	16	23	30
F	3	10	17	24	31
S	4	11	18	25	

7:00

طریقہ آخری

8:00

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

9:00

$$\frac{\Sigma \checkmark}{\wedge \checkmark} - \frac{C \checkmark}{\wedge \checkmark} \checkmark ?$$

10:00

$$\frac{\frac{1}{2v} - \frac{1}{Tv}}{1}$$

11:00

$$\frac{\frac{1}{2v} - \frac{1}{Tv}}{1}$$

12:00 $1 - \frac{1}{5}$ $\frac{1}{5}$

13:00

$$1 - c - \sqrt{\quad}$$

14:00

15:00

16:00

17:00

18.00

19.00

20.00

البنك العربي
ARAB BANK

7:00

$$\frac{1}{1+\sqrt{2}} = \frac{1-\sqrt{2}}{(1+\sqrt{2})(1-\sqrt{2})} = \frac{1-\sqrt{2}}{1-2} = \frac{1-\sqrt{2}}{-1} = \sqrt{2}-1$$

8:00

$$\frac{1}{\sqrt{2}+1} = \frac{1-\sqrt{2}}{(\sqrt{2}+1)(1-\sqrt{2})} = \frac{1-\sqrt{2}}{2-1} = 1-\sqrt{2}$$

9:00

$$\frac{1}{\sqrt{2}-1} = \frac{1+\sqrt{2}}{(\sqrt{2}-1)(1+\sqrt{2})} = \frac{1+\sqrt{2}}{2-1} = 1+\sqrt{2}$$

10:00

$$\frac{1}{\sqrt{2}+1} = \frac{1-\sqrt{2}}{2-1} = 1-\sqrt{2}$$

11:00

$$\frac{1}{\sqrt{2}-1} = \frac{1+\sqrt{2}}{2-1} = 1+\sqrt{2}$$

12:00

$$\frac{1}{\sqrt{2}+1} = \frac{1-\sqrt{2}}{2-1} = 1-\sqrt{2}$$

13:00

$$\frac{1}{\sqrt{2}-1} = \frac{1+\sqrt{2}}{2-1} = 1+\sqrt{2}$$

14:00

$$\frac{1}{\sqrt{2}+1} = \frac{1-\sqrt{2}}{2-1} = 1-\sqrt{2}$$

15:00

$$\frac{1}{\sqrt{2}-1} = \frac{1+\sqrt{2}}{2-1} = 1+\sqrt{2}$$

16:00

$$\frac{1}{\sqrt{2}+1} = \frac{1-\sqrt{2}}{2-1} = 1-\sqrt{2}$$

17:00

$$\frac{1}{\sqrt{2}-1} = \frac{1+\sqrt{2}}{2-1} = 1+\sqrt{2}$$

18:00

$$\frac{1}{\sqrt{2}+1} = \frac{1-\sqrt{2}}{2-1} = 1-\sqrt{2}$$

19:00

$$\frac{1}{\sqrt{2}-1} = \frac{1+\sqrt{2}}{2-1} = 1+\sqrt{2}$$

20:00

$$\frac{1}{\sqrt{2}+1} = \frac{1-\sqrt{2}}{2-1} = 1-\sqrt{2}$$

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

April

S		7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

May

S		5	12	19	26
M		6	13	20	27
T		7	14	21	28
W	1	8	15	22	29
T	2	9	16	23	30
F	3	10	17	24	31
S	4	11	18	25	

7:00 سؤال (واجب) ؟ $\frac{1}{x} = \frac{1}{x}$ دس

8:00 ؟ $\frac{1}{x} = \frac{1}{x}$ دس

9:00 $\frac{1}{x} = \frac{1}{x}$ دس
10:00 $\frac{1}{x} = \frac{1}{x}$ دس

11:00 ؟ $\frac{1}{x} = \frac{1}{x}$ دس

12:00 ؟ $\frac{1}{x} = \frac{1}{x}$ دس

13:00 ؟ $\frac{1}{x} = \frac{1}{x}$ دس

14:00 ؟ $\frac{1}{x} = \frac{1}{x}$ دس

15:00 ؟ $\frac{1}{x} = \frac{1}{x}$ دس

16:00 ؟ $\frac{1}{x} = \frac{1}{x}$ دس

17:00 ؟ $\frac{1}{x} = \frac{1}{x}$ دس

18:00 ؟ $\frac{1}{x} = \frac{1}{x}$ دس

19:00 ؟ $\frac{1}{x} = \frac{1}{x}$ دس

20:00 ؟ $\frac{1}{x} = \frac{1}{x}$ دس

7:00

$$V_{\infty} : \frac{1}{\sqrt{1+V^2}} = \frac{1}{\sqrt{1+1}} = \frac{1}{\sqrt{2}}$$

8:00

$$A_{\infty} : \frac{1}{\sqrt{1+V^2}} = \frac{1}{\sqrt{1+1}} = \frac{1}{\sqrt{2}}$$

9:00

$$Q_{\infty} : \frac{1}{\sqrt{1+V^2}} = \frac{1}{\sqrt{1+1}} = \frac{1}{\sqrt{2}}$$

10:00

$$I_{\infty} : \frac{1}{\sqrt{1+V^2}} = \frac{1}{\sqrt{1+1}} = \frac{1}{\sqrt{2}}$$

11:00

$$II_{\infty} : \frac{1}{\sqrt{1+V^2}} = \frac{1}{\sqrt{1+1}} = \frac{1}{\sqrt{2}}$$

12:00

$$III_{\infty} : \frac{1}{\sqrt{1+V^2}} = \frac{1}{\sqrt{1+1}} = \frac{1}{\sqrt{2}}$$

13:00

$$IV_{\infty} : \frac{1}{\sqrt{1+V^2}} = \frac{1}{\sqrt{1+1}} = \frac{1}{\sqrt{2}}$$

14:00

$$V_{\infty} : \frac{1}{\sqrt{1+V^2}} = \frac{1}{\sqrt{1+1}} = \frac{1}{\sqrt{2}}$$

15:00

$$A_{\infty} : \frac{1}{\sqrt{1+V^2}} = \frac{1}{\sqrt{1+1}} = \frac{1}{\sqrt{2}}$$

16:00

$$Q_{\infty} : \frac{1}{\sqrt{1+V^2}} = \frac{1}{\sqrt{1+1}} = \frac{1}{\sqrt{2}}$$

17:00

$$I_{\infty} : \frac{1}{\sqrt{1+V^2}} = \frac{1}{\sqrt{1+1}} = \frac{1}{\sqrt{2}}$$

18:00

$$II_{\infty} : \frac{1}{\sqrt{1+V^2}} = \frac{1}{\sqrt{1+1}} = \frac{1}{\sqrt{2}}$$

19:00

$$III_{\infty} : \frac{1}{\sqrt{1+V^2}} = \frac{1}{\sqrt{1+1}} = \frac{1}{\sqrt{2}}$$

20:00

تابع

March	April	May
S 3 10 17 24 31	S 7 14 21 28	S 5 12 19 26
M 4 11 18 25	M 1 8 15 22 29	M 6 13 20 27
T 5 12 19 26	T 2 9 16 23 30	T 7 14 21 28
W 6 13 20 27	W 3 10 17 24	W 1 8 15 22 29
T 7 14 21 28	T 4 11 18 25	T 2 9 16 23 30
F 1 8 15 22 29	F 5 12 19 26	F 3 10 17 24 31
S 2 9 16 23 30	S 6 13 20 27	S 4 11 18 25

7:00

8:00

9:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

$$\frac{1}{(1 + \frac{r}{9})^9}$$

$$\frac{1}{(1 + (\frac{r}{9}))^9}$$

$$\frac{1}{1 + (\frac{r}{9})}$$

$$\frac{1}{1 + r}$$

$$\frac{1}{1 + r}$$

$$\frac{r + r^2}{r(r + r^2)}$$

$$\frac{r + r^2}{r(1 + r)}$$

$$\frac{r + r^2}{r(1 + r)}$$

$$\frac{r + r^2}{r(1 + r)}$$

تابع

7:00

$$V_{\dots} \left(\frac{r + r' + r''}{r} \right)$$

8:00

$$A_{\dots} \left(\frac{r + r' + r''}{r} \right)$$

9:00

$$Q_{\dots} \left(\frac{r + r' + r''}{r} \right)$$

10:00

$$I_{\dots} \left(\frac{r + r' + r''}{r} \right)$$

11:00

$$II_{\dots} \left(\frac{r + r' + r''}{r} \right)$$

12:00

$$12_{\dots} \left(\frac{r + r' + r''}{r} \right)$$

13:00

$$13_{\dots} \left(\frac{r + r' + r''}{r} \right)$$

14:00

$$14_{\dots} \left(\frac{r + r' + r''}{r} \right)$$

15:00

$$15_{\dots} \left(\frac{r + r' + r''}{r} \right)$$

16:00

$$16_{\dots} \left(\frac{r + r' + r''}{r} \right)$$

17:00

$$17_{\dots} \left(\frac{r + r' + r''}{r} \right)$$

18:00

$$18_{\dots} \left(\frac{r + r' + r''}{r} \right)$$

19:00

$$19_{\dots} \left(\frac{r + r' + r''}{r} \right)$$

20:00

تابع

March

S	3	10	17	24	31
M	4	11	18	25	
T	5	12	19	26	
W	6	13	20	27	
T	7	14	21	28	
F	1	8	15	22	29
S	2	9	16	23	30

April

S		7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

May

S		5	12	19	26
M		6	13	20	27
T		7	14	21	28
W	1	8	15	22	29
T	2	9	16	23	30
F	3	10	17	24	31
S	4	11	18	25	

نيسان - أبريل

April

19

١٤ شعبان ١٤٤٠ هـ

الجمعة

Friday

الأربعاء

١١/٣/٢٠٢٠

7:00

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9:00

10:00

11:00

12:00

13:00

14:00

15:00

16:00

17:00

18:00

19:00

20:00

$$\frac{\frac{3}{2}v + 1}{\frac{3}{2}v} \quad \text{د.}$$

$$\frac{1}{\frac{3}{2}} \left(\frac{3}{2}v + 1 \right) \quad \text{د.}$$

$$\frac{1}{\frac{3}{2}} \left(\frac{3}{2}v + 1 \right) \quad \text{د.}$$

$$\frac{3}{2}v + 1 = v \quad \text{د.}$$

$$\frac{1}{2}v = \frac{v}{\text{د.}}$$

$$\frac{v}{\frac{1}{2}v} = \text{د.}$$

$$\frac{v}{\frac{1}{2}v} \cdot \frac{\frac{1}{2}v}{\frac{1}{2}v} \quad \text{د.}$$

$$\frac{v}{\frac{1}{2}v} \cdot \frac{1}{2}v \quad \text{د.}$$

$$1 + \frac{3}{2}v \cdot \frac{3}{2}v$$

$$1 + \frac{3}{2} \left(\frac{3}{2}v + 1 \right) \cdot \frac{3}{2}$$