

لما زعَ تَسْرِيْجِي دِرْسٌ بِفِي كِنْدُور ٩٨ تَجْرِيْبِي نَفَاجِيْر : الْفَنَّالِعَ مَمْ دِيرِ دِيرِ / مَكَانِ

$$\sqrt{1+\tan^2 x} = \sqrt{\frac{1}{\cos^2 x}} = \left| \frac{1}{\cos x} \right| = \frac{1}{|\cos x|} \quad \text{لـ ١٤٦}$$

مسنون متن

$$\Rightarrow \log \cos = \frac{-1}{\cos x} (2(\frac{x}{\pi})^2 - \sin^2 x) = (-\frac{1}{\cos x})(1 - \sin^2 x) = (-\frac{1}{\cos x})(\cos^2 x) = -\cos x$$

فت,  $t_1$

$$x = v, t_1 \Rightarrow t_1 = \frac{x}{v} = \frac{1r.}{1...+v} \quad \text{لـ ١٤٧}$$

لـ,  $t_r$

$$x = v, t_r \Rightarrow t_r = \frac{x}{v} = \frac{1r.}{1...-v}$$

$$\text{فت} - \text{لـ} = \delta \Rightarrow \frac{1r.}{1...+v} - \frac{1r.}{1...-v} = \delta \Rightarrow r = 1.$$

$$\left\{ \begin{array}{l} \frac{rx - r^2}{x+1} < 0 \Rightarrow \frac{rx - r^2}{x+1} - \frac{r}{1} < 0 \Rightarrow \frac{-x - 1}{x+1} < 0 \\ \frac{rx - r^2}{x+1} > 1 \Rightarrow \frac{rx - r^2}{x+1} - \frac{1}{1} > 1 \Rightarrow \frac{x - r^2}{x+1} > 1 \end{array} \right. \quad \text{لـ ١٤٨}$$

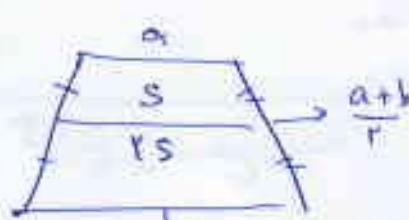
$$(\binom{r}{c}) + (\binom{r}{d}) + (\binom{r}{e}) = v_0 + \delta q + v_1 = 182 \quad \text{لـ ١٤٩}$$

لـ,  $r^2 + ra = r - ra \Rightarrow a < \frac{r}{2}, a > 0$

لـ,  $r^2 + ra = r - ra + qa^2 \Rightarrow ra^2 - ra + r \Rightarrow \begin{cases} a = r \pm \sqrt{r} \\ a = \frac{r}{q} \end{cases}$

$$\frac{a+1}{a} = \frac{\frac{r}{q} + 1}{\frac{r}{q}} = \frac{\frac{q+r}{q}}{\frac{r}{q}} = f, d$$

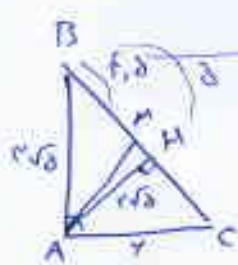
لـ ١٥٠



$$\frac{S}{r^2} = \frac{\frac{1}{2}(a + \frac{a+b}{r})h}{\frac{1}{2}(b + \frac{a+b}{r})h} = \frac{1}{r}$$

$$\frac{ra + a + b}{rb + a + b} = \frac{1}{r} \Rightarrow \frac{ra + b}{rb + a} = \frac{1}{r} \Rightarrow ra + rb = rb + a$$

$$ra = b \Rightarrow \frac{a}{b} = \frac{1}{r}$$



$$BC = (r\sqrt{2})^2 + (r)^2 = r^4 \rightarrow BC = r^2 \quad \text{لـ ١٥٢}$$

لـ,  $b^2 - c^2 = ra \cdot MH \Rightarrow r^2 - r^2 = r(a) \cdot MH \Rightarrow MH = \frac{1}{r} = r$

$$\frac{S_{ABC}}{S_{AMH}} = \frac{\frac{1}{2}h \cdot BC}{\frac{1}{2}h \cdot MH} = \frac{BC}{MH} = \frac{1}{r^2} = 1$$

$$BC^r = AB^r + AC^r = r\gamma \Rightarrow BC = \delta$$

$$\frac{S}{ABH} = \frac{S}{ABC} \Rightarrow h_1 \times \delta = r \times \theta \Rightarrow h_1 = \frac{r\theta}{\delta}$$

$$AD^r = BH \times BC$$

$$14 = x \times \delta \Rightarrow x = \frac{14}{\delta}$$

$$\frac{S}{ABH} = \frac{S}{ABC} \Rightarrow h_1 \times \theta = h_1 \times x \Rightarrow \frac{h_1}{h_1} = \frac{x}{\theta} \Rightarrow \frac{14}{\delta} = \frac{14}{\theta} = \frac{\epsilon}{\delta}$$

گزینہ مجموع - ۱۳۴

$$\sin(\frac{19\pi}{\delta}) = \sin(\frac{19\pi}{\theta} - \frac{\pi}{\delta}) = -\sin\frac{\pi}{\delta} = -\frac{\sqrt{\delta}}{\delta}$$

$$\cos(-\frac{19\pi}{\theta}) = \cos(\frac{19\pi}{\delta}) = \cos(\frac{19\pi}{\theta} - \frac{\pi}{\delta}) = \cos(\pi + \frac{\pi}{\delta}) = -\cos\frac{\pi}{\delta} = -\frac{\sqrt{\delta}}{\delta}$$

$$\tan(\frac{19\pi}{\delta}) = \tan(\frac{\pi}{\delta} - \frac{\pi}{\theta}) = -\tan\frac{\pi}{\theta} = -1$$

$$\sin(-\frac{11\pi}{\theta}) = -\sin\frac{11\pi}{\theta} = -\sin(\frac{19\pi}{\delta} - \frac{\pi}{\theta}) = -\sin(-\frac{\pi}{\delta}) = \sin(\frac{\pi}{\delta}) = \frac{1}{\delta}$$

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

گزینہ مجموع - ۱۳۵

$$M_{AB} = \sqrt{r} = a + b$$

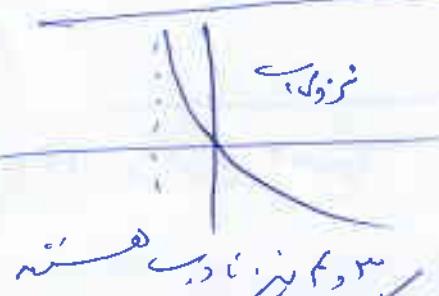
$$n = \pi \Rightarrow y = -\frac{w}{\pi} \Rightarrow -\frac{r}{\pi} = a + b \sin(\pi + \frac{\pi}{2}) \Rightarrow \begin{cases} a - b \frac{\sqrt{r}}{\pi} = -\frac{w}{\pi} \\ -a - b = -\sqrt{r} \end{cases} \Rightarrow b = \sqrt{r}$$

گزینہ مجموع - ۱۳۶

$$(\frac{r}{\delta})^{r_{n+1}} = (\frac{r}{\delta})^{r_{n+2}} \Rightarrow (\frac{r}{\delta})^{-r_{n+1}} = (\frac{r}{\delta})^{r_{n+2}} \Rightarrow r_{n+2} = -r_{n+1}$$

$$r_{n+1} r_{n+2} \cdot \begin{cases} x = -1 & \text{فی} \\ x = \frac{1}{2} & \end{cases}$$

$$\log \frac{1}{x+1} = \log \frac{1}{r_{n+1}} = \log \frac{r}{r_{n+1}} = \frac{1}{r_{n+1}} \log \frac{r}{r_{n+1}}$$



$$\lim_{x \rightarrow -1^+} \log(\frac{1}{x+1}) = -\infty$$

خط اسی نیزک، کرنے لئے درجے

وہیں لامائی اور بھتیجی دیں

گزینہ مجموع - ۱۳۷

$$\lim_{n \rightarrow -\infty} \frac{1+x^n}{-(n+r)} = \lim_{n \rightarrow -\infty} \frac{(r+x)(n-r_n+r)}{-(n+r)} = -(r+s+t) \approx -14$$

$$\sqrt{r+s} = a \Rightarrow a \approx -14$$

گزینہ مجموع - ۱۳۸

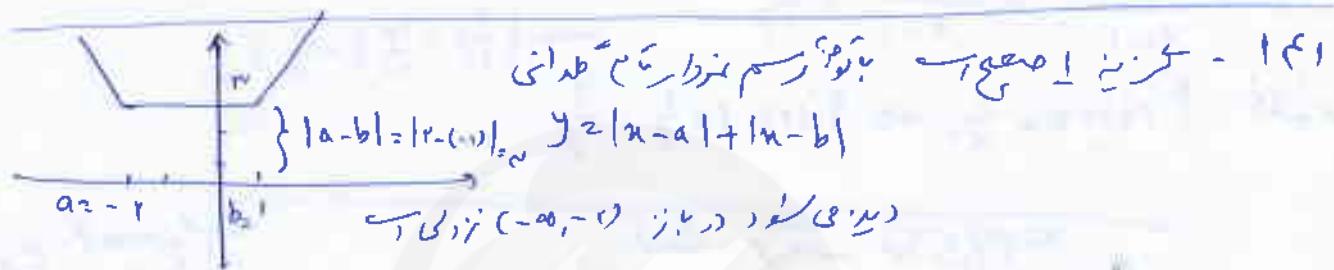
$$\begin{aligned} \text{ل) } P(A) &= \gamma V \\ \text{م) } P(B) &= \gamma Y \end{aligned} \quad P(B|A) = \gamma_A \Rightarrow P(B|A) = \frac{P(A \cap B)}{P(A)} \Rightarrow \gamma_A = \frac{P(A \cap B)}{\gamma V} \Rightarrow P(A \cap B) = \gamma A V$$

$$P(A \cup B) = P(A) + P(B) - P(A \cap B)$$

$$= V + \gamma V - \gamma^2 V = \gamma V$$

$$CV_1 = \frac{\sigma_1}{\bar{x}_1} = \frac{\delta}{V} = \frac{1}{V} \quad \rightarrow \quad \text{جزء اول مجموع} - 15.$$

$$CV_2 = \frac{\sigma_2}{\bar{x}_2} = \frac{\delta}{V} = \frac{1}{V} \quad \rightarrow \quad \begin{array}{l} \text{دراهم} \\ \text{درهم} \\ \text{سترات} \end{array}$$



$$\begin{aligned} \text{ل) } \sin(\frac{n\pi}{q} - x) &= 1 \quad \text{من} \\ -\sin(n\pi - \frac{1}{q}) &= 1 \Rightarrow \sin(n\pi - \frac{1}{q}) = 0 \Rightarrow n\pi - \frac{1}{q} = k\pi \quad \text{جزء اول مجموع} - 152 \\ \left\{ \begin{array}{l} n\pi = k\pi + \left(-\frac{1}{q}\right) \\ n\pi = k\pi + \pi - \left(-\frac{1}{q}\right) \end{array} \right. & \rightarrow \left\{ \begin{array}{l} n = k + \frac{1}{q} \\ n = k + \frac{q-1}{q} \end{array} \right. \quad \frac{q}{q} + \frac{q-1}{q} = 1 \end{aligned}$$

$$\text{ج) } \lim_{n \rightarrow -\infty} \frac{nx+1}{\sqrt[n]{nx}} \quad \frac{-1+1}{\sqrt[n]{1}} = \frac{-1}{1} = -1 \quad \text{جزء اول مجموع} - 153$$

$$x \rightarrow -\infty \Rightarrow \lim_{n \rightarrow -\infty} \frac{x+1}{\sqrt[n]{nx}} = \frac{-1}{0^+} = -\infty$$

$$\text{ج) } \lim_{x \rightarrow +\infty} \left| x + \frac{1}{\sqrt[n]{x}} \right| = x - x - \frac{1}{\sqrt[n]{x}} = -\frac{1}{\sqrt[n]{x}}$$

$$\text{ج) } f(x) = \frac{\frac{1}{\sqrt[n]{x}}(\delta - p_n) + r(1 + \sqrt[n]{x})}{(\delta - p_n)^r} \xrightarrow{n \rightarrow \infty} \frac{\frac{1}{\sqrt[n]{x}}(\delta - \lambda) + r(1 + c)}{(\delta - \lambda)^r} = \frac{r}{\delta^r} \quad \text{جزء اول مجموع} - 154$$

تغیریات ۱۴۵

$$\begin{aligned} \text{لگاریتمی } & \Rightarrow \ln r \Rightarrow \\ \frac{1}{r-1} & = -t + ra + b \Rightarrow [ra+b=0] \\ \text{لگاریتمی } & \Rightarrow \ln(r) = \text{مقدار مسح} \Rightarrow \frac{-1}{(n-1)r} = -\ln a + a \xrightarrow{n=r} \frac{-1}{r} = -t + a \Rightarrow a=r \end{aligned}$$

$\Rightarrow b_2=1$

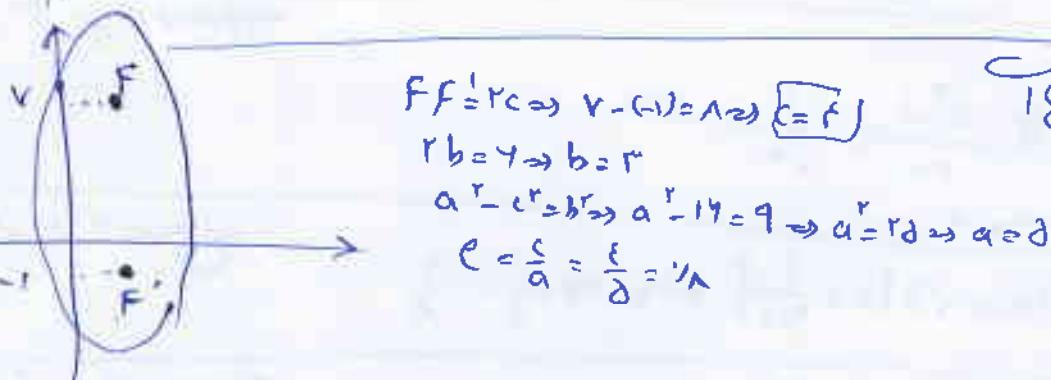
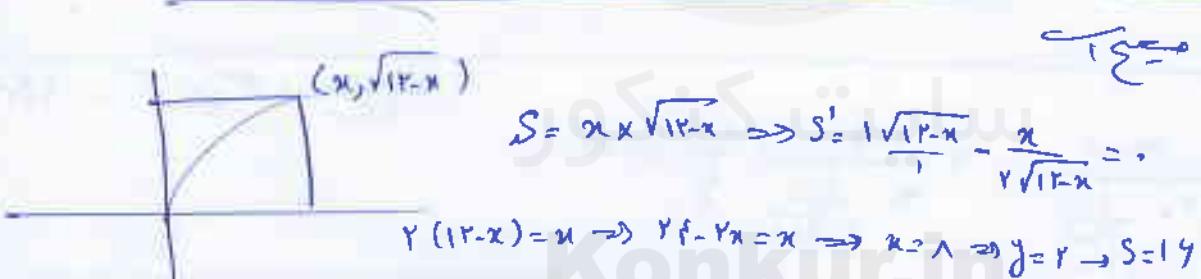
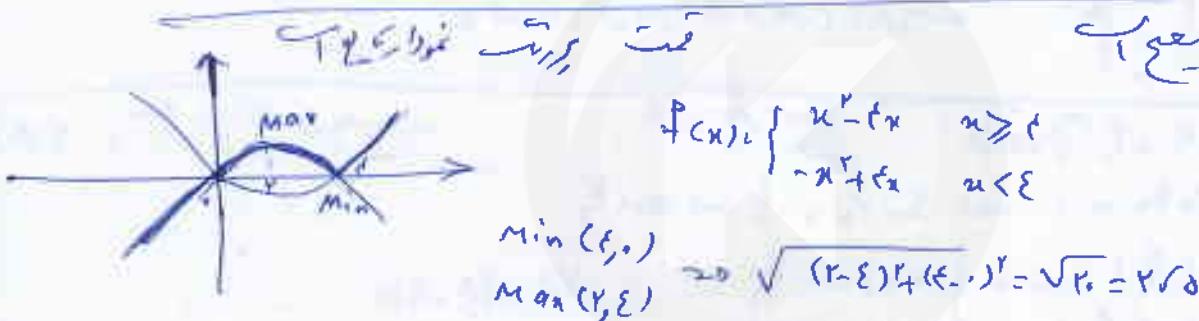
$$\begin{aligned} g'(r) f'(g(r)) &= y \\ -r \times f'(0) &= y \longrightarrow f'(0) = -r \end{aligned}$$

تغیریات ۱۴۶

تغیریات ۱۴۷

$$\frac{f(\epsilon) - f(1)}{\epsilon - 1} = \frac{\frac{r}{\epsilon} + \frac{1}{r}}{\epsilon - 1} = \frac{r^2}{1-r} \rightarrow \left| \frac{r^2}{1-r} - \frac{r^2}{r} \right| = \frac{4}{1-r} > \frac{1}{r}$$

$f(x) = x + \frac{1}{x} \Rightarrow f'(x) = 1 - \frac{1}{x^2} = \frac{q}{z}$



تیغہ ملٹری فیکٹری - 105

$$1^r + \frac{1(r-1)}{r}, r^r + \frac{r(r-1)}{r}, r^r + \frac{r(r-1)}{r}, \dots, n^r + \frac{n(n-1)}{r}$$

$$n+q \rightarrow q^r + \frac{q(q-1)}{r} = 11v$$

$$f(x) = n^r - n + 1 - r = (n-1)^r - r$$

$$y+r = (n-1)^r \Rightarrow \sqrt{y+r} = \sqrt{n-1} \Rightarrow \sqrt{y+r} = n-1 \Rightarrow n = \sqrt{y+r} + 1 \Rightarrow f^{-1}(x) = \sqrt{x+r} + 1$$

$$\frac{n-q}{r} = \sqrt{u+r} + 1 \Rightarrow u+q = r\sqrt{u+r} + r \Rightarrow u+11 = r\sqrt{u+r} \Rightarrow n^r - rrn + 11r = f_{n+1} \text{ by } n \geq 11$$

$$n^r - rrn + 11r = \dots \rightarrow (n-\delta)(n-\gamma_1) \dots \begin{cases} n=2 \\ n=21 \end{cases}$$

تیغہ ملٹری فیکٹری - 106

$$\frac{\binom{\delta}{r}}{\binom{\gamma}{r}} = \frac{r}{11}$$

$$\frac{\binom{\delta}{11}}{\binom{\gamma}{11}} = \frac{11}{10} \quad \frac{\binom{\delta}{r}}{\binom{\gamma}{r}} = \frac{r}{10} \quad \Rightarrow \frac{\delta}{11} \times \frac{r}{10} + \frac{4}{11} \times \frac{r}{9}$$

$$\frac{\binom{\delta}{11}}{\binom{\gamma}{11}} = \frac{11}{10} \quad \frac{\binom{\delta}{r}}{\binom{\gamma}{r}} = \frac{1}{10} = \frac{r}{9} \quad \frac{11+4}{11 \times 10 \times r} = \frac{91}{11 \times 10 \times r} = \frac{1}{11} = \frac{r}{11}$$

مکالمہ  
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