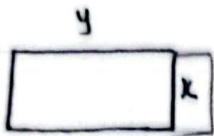


تلف شده 18

المجدد مازن

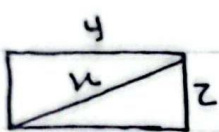


$$\frac{y}{x} = \frac{\delta}{\varepsilon}$$

$$\frac{S'}{S}$$

$$\frac{S'}{S} = \frac{r(\sqrt{\delta}+1) \times \varepsilon}{\delta \times \varepsilon} = \frac{r(\sqrt{\delta}+1)}{\delta}$$

$$\varepsilon \times \frac{\sqrt{\delta}+1}{r} = r(\sqrt{\delta}+1)$$



$$\frac{x}{y} \rightarrow \frac{y}{z}$$

$$\frac{y}{z}$$

$$x = \sqrt{y^2 - z^2} \rightarrow \frac{x}{y} = \frac{\sqrt{y^2 - z^2}}{y} = \frac{\sqrt{\delta}+1}{r} \rightarrow \frac{y}{z} = \frac{r}{\sqrt{\delta}+1}$$

$$\frac{z}{y} + 1 = \frac{r + \sqrt{\delta}}{r} \rightarrow \frac{z}{y} = \frac{1 + \sqrt{\delta}}{r} \rightarrow \frac{y}{z} = \frac{r}{1 + \sqrt{\delta}}$$

$$\sqrt{ra^2 + \varepsilon a} + ra = r \quad \frac{a+1}{a} = ?$$

$$\sqrt{ra^2 + \varepsilon a} = r - ra = r(1-a) \rightarrow \sqrt{ra^2 + \varepsilon a} = r(1-a)$$

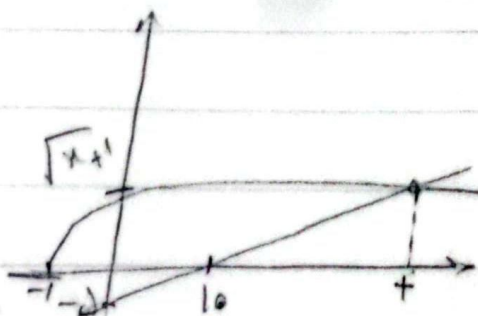
$$\frac{a+1}{a} = \frac{\frac{a}{r}}{\frac{r}{r}} = \frac{a}{r} = \frac{\varepsilon}{r}$$

$$\sqrt{ra^2 + \varepsilon a} = r(1-a) \rightarrow \sqrt{ra^2 + \varepsilon a} = r(1-a)$$

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

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

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



تلف شده

DAT

اصول حساب

$$\frac{1}{\sqrt{r-n}+r} - \frac{1}{r-\sqrt{r-n}} = \frac{r-n}{\omega\sqrt{r-n}} \quad n = -1r$$

$$\rightarrow \frac{r-\sqrt{r-n}-r-\sqrt{r-n}}{\varepsilon-(r-n)} = \frac{-2\sqrt{r-n}}{r+n} = \frac{\sqrt{r-n}}{\omega} \rightarrow -1 = r+n$$

$$\frac{1}{nr} + \frac{1}{(1-n)r} = \frac{140}{9} \rightarrow \frac{(n-1)r + nr}{(nr-n)r} = \frac{r-1}{9} = \frac{140}{9}$$

$$\rightarrow \frac{t+1}{t} = \pm \frac{14}{9} \rightarrow t = \frac{9}{14} \quad \left. \begin{array}{l} nr-n = \frac{9}{10} \rightarrow S=1 \\ nr-n = -\frac{14}{14} \rightarrow S=1 \end{array} \right\} S_{\text{بزرگ}} = r$$

$$-nr + 4n - 1 \geq 0 \rightarrow (n-r)(-n+\varepsilon) \geq 0 \rightarrow \frac{r-\varepsilon}{-1+1} \rightarrow r \leq n \leq \varepsilon$$

$$\sqrt{x} + \sqrt{-x^2 + \varepsilon nr + r\delta n - 100} + \sqrt{n^2 + \sqrt{-n^2 + 4n - 1}} = n + r$$

$$\rightarrow -n^2(n-\varepsilon) + r\delta(n-\varepsilon) \rightarrow (n-\varepsilon)(-n^2 + r\delta) \geq 0$$

$$\rightarrow (n-\varepsilon)(\delta-n)(\delta+n) \geq 0 \rightarrow \frac{\delta-\varepsilon}{-1+1} \rightarrow n \leq \delta \leq \varepsilon \leq n$$

$$y = |n+r| + |n-1| \quad ny + n = 14 \quad A \times B \quad AB = ?$$

$$|n-1| \rightarrow n \leq 1 \quad |n+r| \rightarrow r \leq n \leq 1 \quad ny = 14 - n \rightarrow y = -\frac{1}{n}n + \frac{14}{n}$$

$$y_1 = y_2 \rightarrow -\frac{1}{n}n - 1 = -\frac{1}{n}n + \frac{14}{n} \rightarrow n = -\varepsilon \text{ و } n = 1 \rightarrow y = 14$$

$$\rightarrow 2n+1 = -\frac{1}{n}n + \frac{14}{n} \rightarrow n = 7 \text{ و } n = 1 \rightarrow y = 0$$

$$y = \frac{1}{n}n + r, y = \sqrt{n^2 - \varepsilon n + \varepsilon} \quad S = ?$$

$$n-r = \frac{1}{n}n + r \rightarrow \frac{1}{n} = \varepsilon \rightarrow n = 1$$

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

$$9h_{\text{مرد}} + 9h_{\text{زن}} = 7.5h \quad \text{مرد} = ?$$

$$\frac{1}{n-9} + \frac{1}{n} = \frac{1}{7.5} \rightarrow \frac{n+n-9}{n^2-9n} = \frac{1}{7.5} \rightarrow n^2-9n = 7.5n-11.25$$

$$\rightarrow n^2-16.5n+11.25=0 \rightarrow n = 8.25 \checkmark$$

$$n = 8.25 \times$$

DAT: مرد = 8.25 = 8.25h
زن = 8.25h