

$$f(1) = \sqrt{a} \quad g\left(\frac{1}{\sqrt{a}}\right) = 3 - \sqrt{a} \rightarrow \sqrt{a} = 3 - \sqrt{a}$$

$$2\sqrt{a} = 3 \rightarrow \sqrt{a} = \frac{3}{2} \rightarrow a = \frac{9}{4}$$

۲,۲۵

$$\frac{1}{\sqrt{x_1}} + \frac{1}{\sqrt{x_2}} = \frac{\sqrt{x_1} + \sqrt{x_2}}{\frac{1}{\sqrt{x_1 x_2}}} = 0 \rightarrow x_1 + x_2 + 2\sqrt{x_1 x_2} = \frac{25}{4}$$

$$\frac{m+12}{32} + \frac{1}{r} = \frac{25}{4}$$

$$-x^2 + 3x + 2 = 0 \quad \frac{m+12}{32} = \frac{1}{r} \rightarrow m = -1$$

$$\left(-\frac{3}{5}, -\frac{2}{5}\right) \quad y = \frac{x}{|m|} \times \sqrt{a+b}r$$

$$\pm \sqrt{a+b}r \rightarrow \begin{cases} a=1 \\ b=1 \end{cases} \rightarrow \frac{a}{b} = -1$$

$$x+m > 2m+2 > m-2 > -1$$

$$\textcircled{1} m > -5 \rightarrow -5 < m \leq 7 \frac{1}{2} \rightarrow \underline{4 \text{ واحد}}$$

$$\textcircled{2} m \leq \frac{1}{r}$$

$$\textcircled{3} m > -1 \times$$

$$a+b=2 \rightarrow ab=1 \rightarrow b=\frac{1}{a} \rightarrow a=\frac{1}{b} \rightarrow a=\frac{1}{2}$$

$$b=a=-\frac{1}{2}$$

۱۳۴۴/۴/۱/۲۵

$$2^{\frac{2}{3}} \times 3^{\frac{1}{2}} \times 2^{\frac{1}{3}} = \frac{12}{\sqrt{4}} = (2\sqrt{3})$$

$$5m+5=2m+8 \rightarrow m=3 \rightarrow \underline{3, 2, 1}$$

$$\left(\frac{1}{r}a\right)^2 = b \times \frac{1}{2}c$$

$$\text{چون گفته شده که } r \text{ و } a \text{ و } b \text{ و } c \text{ همگی صحیح هستند}$$

$$q = -1 \rightarrow 2 \times q = -2$$

$$d-2m > 0 \rightarrow 2m < d \rightarrow m < \frac{d}{2} \rightarrow \underline{m=2}$$

$$(-1, 0) \quad m+n=2 \leftarrow n=1$$

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

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

$$k+7+2n=3+2n \rightarrow k=-4 \rightarrow \underline{\frac{-1}{-2} = \frac{1}{2}}$$

$$\varepsilon(r, \delta) - C = 0 \rightarrow C = 1.0 \rightarrow \varepsilon - \delta n$$

۱۴۰۴/۰۱/۲۸
نرسینه ۱۲۷

$$\frac{(r_2/\delta)(r - \frac{b}{\delta})}{r(r_2/\delta)} \xrightarrow{n=1} \frac{1 - \frac{b}{\delta}}{r} = -1 \rightarrow b = 1.5$$

$$-7x - \delta n = -11n \rightarrow a = -11 \rightarrow a + b = \varepsilon$$

$$x - (r_1)^+ : r$$

نرسینه ۱۲۸

$$r = \varepsilon - a \rightarrow a = r - [\frac{r}{r}] \dots$$

$$x - (r_1)^- : \varepsilon - a$$

$$n \rightarrow (-1)^r : \frac{1+k > 0}{+} \rightarrow k > -1$$

نرسینه ۱۲۹

$$n \rightarrow (-1)^r : \frac{1+k < 0}{+} \rightarrow k < -\frac{1}{r}$$



$$\frac{(n-a)(n-ra)}{-(n-a)} = \frac{-9}{-1} = 9 \rightarrow a = 2$$

$$n^2 - 7n + 1 \rightarrow \begin{cases} n=1 \\ m=7 \end{cases} \rightarrow n-m = 1 \varepsilon$$

$$y = r_2 a n \xrightarrow{n=2} y = r - \varepsilon a \quad f' = -a \quad \text{نرسینه ۱۳۱}$$

$$r - \varepsilon a - a = 1 \rightarrow -\delta a = -r \rightarrow a = \sqrt{1}$$

$$f' = -\sqrt{1}$$

۱۴۰۴/۰۱/۲۷

نرسینه ۱۳۲

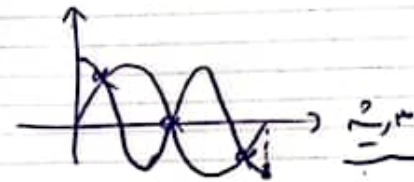
$$r_2 \times r_2 \times \frac{1}{r} = \delta \varepsilon \rightarrow r_2^2 = \delta \varepsilon \rightarrow n = \sqrt{r}$$

$$\frac{r_2}{r} = 1.0 \times \sqrt{r} = C \times \sqrt{r}$$

نرسینه ۱۳۳

$$-1 - \frac{f(r_2, r_2)}{\sqrt{r-1}} = 1 - \sqrt{r} + 1 = -\sqrt{r}$$

نرسینه ۱۳۴



نرسینه ۱۳۵

$$\frac{1 + \log_r 0}{1 + \log_r \sqrt{r}} = \frac{1 + (r)}{1 + (r, \delta)} = \frac{r}{r, \delta} = \frac{r}{r, \delta} = \frac{18}{19}$$

نرسینه ۱۳۶

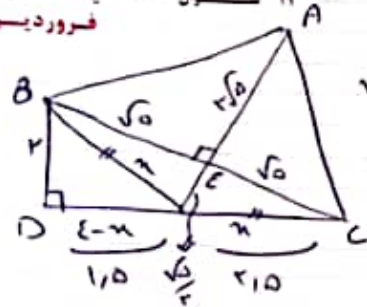
$$\begin{array}{ccccc} 1 & 1, 1 & 1, 2 & 1, 17 & 1, 17 \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ 0 & 1 & 2 & 17 & 17 \end{array}$$

$$\frac{1 \varepsilon \varepsilon + 17 + 7 \varepsilon + 17 + 17}{0} = \frac{57}{0} = \frac{17}{\sqrt{5}}$$

$$\frac{17}{\sqrt{5}} = \frac{14}{11 \sqrt{5}}$$

$$= \frac{1}{\sqrt{5}}$$

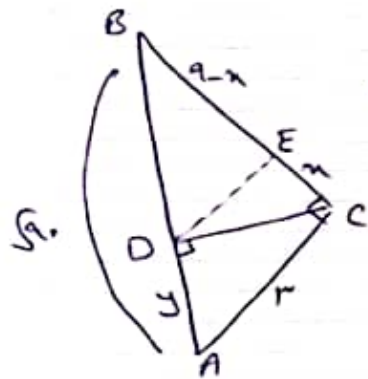
۳۱

20 April 2025
Sundayیکشنبه
فروردین

$$x^2 = x^2 - 2x + 1 + 1 \quad \text{③} \quad \text{۱۳۸-زنبه}$$

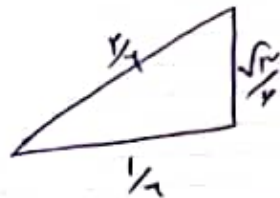
$$x = \frac{x}{1} = 1, 5$$

$$\frac{x\sqrt{5} \times \sqrt{5}}{2} = 5 \quad \text{⑤}$$



$$q = y\sqrt{q} \rightarrow y = \frac{q}{\sqrt{q}} \quad \text{①} \quad \text{۱۳۹-زنبه}$$

$$q - \frac{1}{q} = \frac{1}{1} = 1, 1$$



$$(-\frac{1}{x}, b), (-\frac{1}{x}, a) \quad \text{①} \quad \text{۱۴-زنبه}$$

$$\frac{1}{4} \rightarrow \frac{2}{4}\sqrt{2} = \frac{\sqrt{2}}{2} \quad \text{اضداد}$$

19 April 2025
Saturday

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شنبه
فروردین

۱۴۰۴/۰۱/۳۰

$$2\sqrt{x}(4x^2+3) = k \times \frac{1}{\sqrt{x}} \rightarrow 17x = \frac{k}{\sqrt{x}} \rightarrow k = 17\sqrt{x}$$

$$\frac{8x^2+2}{17x} = 2x \rightarrow x^2 = \frac{1}{8} \rightarrow x = \frac{1}{\sqrt{8}}$$

$$x^2 + 2x + 2 \quad x = -1 \rightarrow 5 - 2 = 3$$

میان دو مستقیم
افزایش دهن

$$7 \times 1 \rightarrow \text{④}$$

$$7 \times 9 \rightarrow \text{⑤}$$

$$18 \rightarrow \text{③}$$

$$9 \rightarrow \text{③}$$

$$7 \times 7 \times 5 = 110$$

$$110 - 79 = 111$$

$$\frac{1 \times 7 \times 7}{7} = 7 = n(1)$$

$$\frac{r_1+r_2}{54} = \frac{r_2}{27} = \frac{r}{5} \quad \text{①} \quad \text{۱۴۵-زنبه}$$

$$1 - \frac{\binom{n}{r}}{\binom{2+n}{r}} = \frac{5}{7} \rightarrow \frac{n(n-1)}{(2+n)(2+n)} = \frac{1}{7} \rightarrow n=4 \quad \text{④} \quad \text{۱۳۴-زنبه}$$

$$x \quad y \quad 10 \quad 3 \quad 7 \quad y \quad \text{③} \quad \text{۱۳۷-زنبه}$$

$$\frac{y}{5} = 5, 7 \rightarrow 3, 10$$