

$y \square^m$ $\frac{n}{y} = \frac{a}{4} \Rightarrow$ $5 \times 4 = 20$ اوله
 $y=4$ $n=20$ (چون نسبت است)
 $2(1+\sqrt{5}) \times 4 = 8 + 8\sqrt{5}$
 $\frac{n}{y} = \frac{1+\sqrt{5}}{2} = \frac{2+2\sqrt{5}}{4} \Rightarrow n_y = (2+2\sqrt{5})$
 $y=4$
 $\text{نسبت} = \frac{2}{4(1+\sqrt{5})} = \frac{2+2\sqrt{5}}{20}$

$y \square^m$ $\frac{\sqrt{n^2+y^2}}{n} = \frac{\sqrt{5}+1}{2} \Rightarrow \frac{n^2+y^2}{n^2} = \frac{4+2\sqrt{5}}{4}$
 $= 1 + \frac{y^2}{n^2} = \frac{4+2\sqrt{5}}{4} \Rightarrow \frac{y^2}{n^2} = \frac{2+2\sqrt{5}}{4} = \frac{1+\sqrt{5}}{2} = \frac{y^2}{n^2}$
 $\frac{n^2}{y^2} = \frac{2}{1+\sqrt{5}} = \frac{5\sqrt{5}-1}{2}$

$\sqrt{2a^2+2a} = 1-\sqrt{a} \Rightarrow 2a^2+2a = 1-2\sqrt{a}+a \Rightarrow$
 $2a^2-2\sqrt{a}+a=0 \Rightarrow \frac{2}{\sqrt{a}}+1=a$
 $\frac{2}{\sqrt{a}}+1=a \Rightarrow \frac{\frac{2}{\sqrt{a}}+1}{\frac{2}{\sqrt{a}}} = \frac{a}{\frac{2}{\sqrt{a}}} = \frac{a}{\frac{2}{\sqrt{a}}}$
 $\frac{2}{\sqrt{a}} \geq a$

$\frac{\sqrt{n+1}(\sqrt{n-1}-2)}{n-10} + \frac{\sqrt{n+1}(\sqrt{n-1}+2)}{n-10} = \frac{\sqrt{n-1}}{n-10}$ $n \geq 1$
 $n \neq 10$
 $\frac{(\sqrt{n+1})(2 \times \sqrt{n-1})}{(n-10)} = \sqrt{n-1}$ $n \geq$
 $n-10 = 2\sqrt{n+1}$ $n^2-20n+100 = 4n+4$
 $n^2-24n+96 = 0 \Rightarrow$

$\frac{(\sqrt{2-m}-2)}{-m-2} + \frac{(\sqrt{2-m}+2)}{-m-2} = \frac{1}{2}\sqrt{2-m}$
 $\frac{2\sqrt{2-m}}{-(m+2)} = \frac{1}{2}\sqrt{2-m}$ $10 = -m-2$ $m = -12$
 $\frac{2\sqrt{2-m}}{-(m+2)} = \frac{1}{2}\sqrt{2-m}$

$$n \neq 0, 1 \quad \frac{n^r + n^r - r m + 1}{n^r (m-1)^r} = \frac{140}{9} \Rightarrow \frac{n^r - n + 1}{n^r (m-1)^r} = \frac{140}{9}$$

~~$140 n^r - r m n^r + 140 n^r = 140 n^r - 140 m + 9$~~

~~$140 n^r - r m n^r + 140 n^r = 140 n^r - 140 m + 9$~~

$n^r - n = t = \frac{r}{10}, \frac{r}{14}$

$\frac{t+1}{t^r} = \frac{140}{9} \Rightarrow 14t+9 = 140t^r \Rightarrow (14t-1)(14t+9) =$

$t = n^r - n = \frac{r}{10} \quad s=1 \quad n^r - n = \frac{r}{14} \quad s=1 \quad \underline{1+1=2}$

$n+r \geq 0 \quad m \geq -r \quad D_9: n^r + r m - 1 \geq [t^r + 1]$

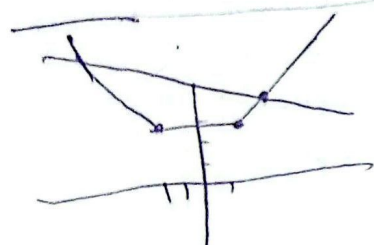
$-n^r + r m^r + r m - 100 \geq 0 \Rightarrow n \leq -\omega$

Ob $n=r$

$r \leq m \leq \omega$

$\sqrt{r^r} + \sqrt{100} = 4 = r+r$

$n=r$



$$\begin{cases} rm + 1 = y \\ -\frac{m}{r} + \frac{1}{r} = y \end{cases} \quad \left(\frac{r_0}{V}, \frac{r^r}{V} \right)$$

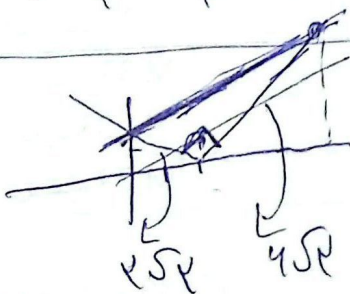
$$\begin{cases} -rm - 1 = y \\ -\frac{m}{r} + \frac{1}{r} = y \end{cases} \quad \left(-\frac{14}{\omega}, \frac{r^r}{\omega} \right)$$

$\frac{44\sqrt{10}}{r^r}$

$\frac{1}{r} m + r = y$

$|n-r| = y$

$\frac{r^r \times 4\sqrt{r}}{r} = 14$



$\frac{1}{r} m + r = n-r$

$n+r = rm-r$

$\wedge = n$

$y = 4$

$t_B = t_F - 9$

$\frac{1}{t_B} + \frac{1}{t_F} = \frac{1}{r_0} \Rightarrow \frac{1}{t} + \frac{1}{t+9} = \frac{1}{r_0}$

$\frac{rt+9}{t^r+9t} = \frac{1}{r_0}$

$r_0 t + 140 = t^r + 9t$

$t = -0.006$

$t_B = 14$

شماره ۱۴