

$$\begin{aligned} ab &= 2 \\ a+b &= 5 \end{aligned} \Rightarrow P_2 = 2 \Rightarrow b = \frac{2}{a}$$

$$\frac{b^2}{\delta} + \left(\frac{a}{b^2} \times \frac{\epsilon}{\delta} \right) = \frac{b^2}{\delta} + \frac{a^2}{\delta} = \frac{+90}{\delta} = 14$$

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$$x_{ext} = \frac{-1.0 + 3}{2} = \boxed{\frac{1}{2}}$$

$$x - y = x - y$$

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$$\frac{3}{\epsilon} + \frac{3}{\epsilon} \boxed{\frac{1}{2}} \checkmark$$

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$$\left. \begin{aligned} \sqrt{\epsilon k^2 - 2} &= \frac{\epsilon k}{r} \\ \Rightarrow \frac{14k^2}{9} &= \epsilon k^2 - 2 \\ \Rightarrow 20k^2 &= 18 \Rightarrow k^2 = 9 \end{aligned} \right\} \Rightarrow \left[\left(\frac{k^2}{r} \right) \right] = \left[\left(\frac{9}{r} \right) \right] = \epsilon k^2 \quad \checkmark$$

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$$x_5 = \frac{3-0}{2} = \boxed{-1}$$

$$\Rightarrow S = -2$$

$$y = ax^2 + bx + (a+1) \rightarrow S^2 - 2P = 0$$

$$-2\left(\frac{a+1}{a}\right) + (-2)^2 = 0 \Rightarrow \boxed{a = \frac{-2}{3}}$$

$$\Rightarrow \boxed{C = \frac{1}{3}} \checkmark$$

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$$-x^2 + 0x + m = 0 \quad x_1 + x_2 = 0 \quad x_1, x_2 = (-m)$$

$$\left. \begin{aligned} \sqrt{40 + 4m} < \epsilon &\Rightarrow \epsilon m < -9 \Rightarrow m < -\frac{9}{4} \\ \epsilon m + 40 > 0 & \\ \Rightarrow m > -\frac{40}{4} & \end{aligned} \right\} \Rightarrow m_2 = \left\{ -4, -8, -12, -16 \right\}$$

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$$m \in \mathbb{R}^+ \quad \frac{r m^r - \varepsilon m - 1 \varepsilon \varepsilon}{\varepsilon m} = r \Rightarrow \Delta m = -r m^r - \varepsilon m + 1 \varepsilon \varepsilon \Rightarrow \Delta m^r - r m - r \varepsilon \varepsilon = 0$$

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$$m = \frac{r \pm \sqrt{r^2 - 4 \varepsilon \varepsilon}}{2 \varepsilon} \Rightarrow m = \begin{cases} r \\ -\frac{1}{\varepsilon} \end{cases} \Rightarrow m = r$$

$$x_5 = \frac{-b}{a} = \frac{1r}{r(m)} = r$$

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$$ab = a^r \quad r(a+1) = a+b \Rightarrow a^r = ab = ra-1 \Rightarrow a^r = ra-1$$

$$\Rightarrow (a-1)^r = 0 \Rightarrow a=1$$

$$\Rightarrow x^r + \varepsilon a + 1 = 0 \quad ab=1 \quad a+b = -\varepsilon \Rightarrow$$

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$$\Rightarrow \boxed{a = -r\sqrt{r}} \quad \boxed{b = -r - \sqrt{r}}$$

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$$t^r - vt + 1 = 0$$

$$\Rightarrow x^r = \frac{v \pm \sqrt{v^2 - 4}}{r}$$

$$\Rightarrow x = \pm \sqrt{\frac{v \pm \sqrt{v^2 - 4}}{r}}$$

$$\Rightarrow p = \frac{-v \pm \sqrt{v^2 - 4}}{r} \Rightarrow r p^r - r s p + r s = v \sqrt{v^2 - 4} + 1$$

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$$r = a, b = -\varepsilon$$

$$\frac{-\varepsilon}{rk} = \frac{r}{k} \Rightarrow k \left(\frac{r}{k} \right)^r - \varepsilon \left(\frac{r}{k} \right) - r$$

$$J_{ext} = -r - \frac{\varepsilon}{k} \Rightarrow \frac{\varepsilon}{k} = r$$

$$\Rightarrow k = r$$

$$y = -1$$

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$$-m a^r + m a + 1 = -m - 2 \rightarrow m a^r - (m+1)a - (m+1) = 0$$

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$$\Delta t \rightarrow (m+1)^r + r(m)(m+1) < 0 \rightarrow \Delta m^r + r m + 1 < 0$$

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$$a+c=b \rightarrow (m+1)(\Delta m+1) < 0 \xrightarrow{\text{L'Hopital}} \frac{-1}{+1} \frac{-\frac{1}{\Delta}}{+1} \rightarrow -1 < m < -\frac{1}{\Delta} \rightarrow \text{مقدار عدد صحیح}$$