

آیناز فرمند

$$y = y^r$$

$$y^r - ay + 4$$

$$S = \frac{-b}{2a} = \frac{a}{4}$$

$$P = \frac{c}{a} = \frac{4}{4}$$

$$\begin{cases} \frac{a}{4} = \frac{c}{4} = \frac{a}{4} = \frac{-1}{4} = -\frac{1}{4} = -\frac{1}{4} = -\frac{1}{4} \Rightarrow a = -14 \\ \frac{a}{4} = \frac{c}{4} \Rightarrow \frac{a}{4} = \frac{1}{4} \Rightarrow 4a = 1 \Rightarrow a = \frac{1}{4} \end{cases}$$

$$\Rightarrow \frac{14 - (-14)}{4} = \frac{28}{4} = 7$$

$$\frac{4}{4} = y^r \Rightarrow y^r = \frac{4}{4} \Rightarrow y = \frac{4}{4} \Rightarrow y = 1$$

$$\frac{1}{\sqrt{a}} + \frac{1}{\sqrt{b}} = 0 \Rightarrow \sqrt{a} + \sqrt{b} = \frac{1}{0} \Rightarrow a + b + 2\sqrt{ab} = \frac{1}{0}$$

$$S = a + b = \frac{m+14}{4}$$

$$P = ab = \frac{1}{4}$$

$$\frac{m+14}{4} + 2\sqrt{\frac{1}{4}} = \frac{1}{0} = \frac{m+14}{4} + \frac{1}{2} = \frac{1}{0}$$

$$\frac{m+14}{4} = \frac{1 - \frac{1}{2}}{0} \Rightarrow \frac{m+14}{4} = \frac{-\frac{1}{2}}{0}$$

$$40m + 100 = -100$$

$$40m = -200$$

$$\Rightarrow m = -5$$

$$mx^2 + 2x + 1 = 0$$

$$P = \frac{c}{a} = \frac{1}{\frac{40m}{10}} = \frac{10}{40m} = \frac{1}{4m} = 0.025$$

$$a + b = \frac{-b}{a} = 1 = \frac{9-k}{10}$$

۴) ضریب معادله مثبت است پس اثر ~~صغیر~~ عدد بزرگتر از صفر در آن قرار دهم طبق $\alpha \beta < 0$
 مثبت شود $\leftarrow 1 + 6 + \alpha > 0 \Rightarrow \boxed{\alpha > -7}$

$$2\left(\frac{-\infty}{1}\right)^2 - 2(0)(-5) + 2(7) = 50 + 100 + 14 = \underline{164}$$

$$\frac{a}{x} = \frac{-a}{2a} + 1 \Rightarrow \frac{a}{2} = -\frac{1}{2} + 1 \Rightarrow \frac{a}{2} = \frac{1}{2} \Rightarrow \underline{a=1}$$

$$2x^2 - x + b = 0 \rightarrow \frac{b}{2} = \alpha\beta$$

$$2x^2 + x - 9 = 0 \rightarrow \frac{-9}{2} = (\alpha + 0.5)(\beta + 0.5) \rightarrow \alpha + \beta = -0.5$$

$$-9 = \alpha\beta + 0.5\alpha\beta + 0.5\alpha + 0.5\beta$$

$$\Rightarrow -9 = \alpha\beta = \frac{b}{2} \Rightarrow \boxed{b = -9}$$

$$\left[\frac{\alpha\beta}{\epsilon}\right] = \left[\frac{-9 \times 1}{\epsilon}\right] = \left[-\frac{9}{\epsilon}\right] = \underline{\underline{-2}}$$

$$x^r - (a+1)x + a$$

$$\Rightarrow a+1 = rK + r$$

$$a = rK + rK$$

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$$x^r - (ra+1)x + b$$

$$ra+1 = rQ + r$$

$$\Rightarrow rK + 1 = r \Rightarrow$$

$$rK = r - 1$$

$$\Rightarrow K = 1 - \frac{1}{r}$$

$$\Rightarrow K = 1$$

$$\Rightarrow a = r$$

$$rQ = 1 + r$$

$$\Rightarrow rQ = rQ + r$$

$$\Rightarrow rQ = rQ + r$$

$$Q = r$$

$$rQ = rQ + r$$

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$$rQ - r = r(1)$$

$$(a+b)^r - r a b = (-1)^r - r \left(\frac{-1-m^r}{1} \right) = \frac{1+r+m^r}{-}$$

$$\Rightarrow m = 0 \Rightarrow$$

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