

$$\alpha + \beta = 5$$

$$\alpha \beta = 2$$

$$\alpha = \frac{2}{\beta}$$

$$\beta^2 - 5\beta + 2 = 0$$

$$\frac{\epsilon \alpha + \beta^2}{\alpha \beta^2} = \frac{\alpha^2 - \alpha + 2 + \beta^2}{\alpha \beta^2} = \frac{(\alpha - \beta)^2 - \alpha + \beta + 2 + \beta^2}{\alpha \beta^2} = \frac{2\alpha - \beta^2 - 2\beta + \beta^2}{\alpha \beta^2}$$

$$(\beta^2 + 2)^2 = \beta^4 + \epsilon \beta^2 + \epsilon$$

$$11 \quad 11 + (-1, 0) = 1, 0$$

$$\frac{-\Delta}{\epsilon \alpha} = \frac{\epsilon}{\beta} K$$

$$\frac{-\epsilon K^2 + 20}{\epsilon} = \frac{\epsilon}{\beta} K$$

$$-12K^2 + 40 = 14K$$

$$-3K^2 - \epsilon K + 10 = 0$$

$$14 + 10 = 144$$

$$\frac{\epsilon \pm 1\epsilon}{4} \begin{cases} K = 11 \\ K = -\frac{10}{3} \end{cases}$$

$$\left[\frac{K^2}{2} \right] = \left[\frac{4}{2} \right] = \epsilon$$

$$1) \quad 2 - (-5) = \frac{1}{2} = \epsilon \rightarrow -5 + \epsilon = -1 \rightarrow \frac{\alpha + \beta}{2} = -1 \rightarrow \alpha + \beta = -2$$

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

$$a x^2 + 2a x + c = 0$$

$$a(x^2 - (\alpha + \beta)x + \alpha\beta) = 0$$

$$x^2 + 2x - \frac{1}{2} = 0$$

$$C = -\frac{1}{2}$$

$$(\alpha + \beta)^2 = \alpha^2 + \beta^2 + 2\alpha\beta$$

$$\epsilon = 5 + 2\alpha\beta$$

$$2\alpha\beta = -1 \rightarrow \alpha\beta = -\frac{1}{2}$$

$$-x^2 + 5x + m \geq 0 \quad \alpha, \beta < \frac{5}{2}$$

$$\Delta = 25 + 4m \geq 0 \rightarrow m \geq -\frac{25}{4} \rightarrow m \geq -6.25$$

$$\frac{-b}{2a} = \frac{-5}{-2} = 2.5 \rightarrow 2.5 < \frac{5}{2}$$

$$-(\epsilon, 0) + a(\epsilon, 0) + m \Rightarrow 2.5 + m < 0 \Rightarrow m < -2.5 \rightarrow m < -2$$

$$-4 \leq m < -2$$

$$\{-4, -5, \epsilon, -3\} \rightarrow \epsilon$$

$$m > 0$$

$$\frac{-b}{va} = -\frac{(-1/r)}{r/m} = \frac{q}{m}$$

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

$$y = \frac{wy}{m} - \frac{vr}{m} + am - 1 = -\frac{wy}{m} + am - 1 = r$$

$$-\frac{wy}{m} + am - r = 0 \rightarrow am^r - r_m - wy = 0$$

$$m = \begin{cases} r \\ -r/r \end{cases}$$

$$x^r + (ra+r)x + ra - 1 = 0$$

$$f_0 r + \epsilon + \Lambda a - \Lambda a + \epsilon = \epsilon a^r + \Lambda = \epsilon(a^r + r)$$

$$\frac{-ra - x + r\sqrt{a^r + r}}{x} \cdot xr = a$$

$$-(a+1+\sqrt{a^r+r})r = a$$

$$ar = -(a+1-\sqrt{a^r+r})$$

$$a^r = (a+1)^r - (\sqrt{a^r+r})^r$$

$$a^r = a^r + ra + 1 - a^r - r$$

$$a^r - ra + 1 = 0 \rightarrow a = 1$$

$$x^r = t \quad t^r - ut - a = 0$$

$$u = \frac{u \pm \sqrt{\epsilon a^r + r_0}}{r} = \frac{u \pm \sqrt{\epsilon a^r}}{r}$$

$$t \geq 0$$

$$\frac{u + \sqrt{\epsilon a^r}}{r} \geq 0 \quad \checkmark$$

$$\frac{u - \sqrt{\epsilon a^r}}{r} < 0 \quad \times$$

$$\frac{\sqrt{v + \sqrt{4a}}}{r}$$

$$\rho = -\frac{u + \sqrt{4a}}{r}$$

$$rp^r - \cancel{ws} \cancel{p} \cancel{r} = rp^r = r_x \frac{\epsilon a + 4a + 1 \pm \sqrt{4a}}{r_y} = 819 + v\sqrt{4a}$$

$$\frac{1}{k} = \frac{1}{-\frac{a}{\epsilon}} = \frac{-\epsilon}{a}$$

$$\frac{-\Delta}{\epsilon a} = \frac{\epsilon}{rk} = \frac{1}{k}$$

$$\frac{-b}{va} = \frac{\epsilon}{rk} = \frac{r}{k}$$

$$\frac{1}{k} = -\epsilon + \frac{r}{k} - r$$

$$\frac{1}{k} = -\frac{\Lambda}{k} - r$$

$$\frac{a}{k} = -r \rightarrow k = -\frac{a}{r}$$

$$-m - n = -mn' + mn + 1$$

$$m \neq 0$$

$$-mn' + (m+1)n + m + 1 = 0 \quad \Delta < 0$$

$$\Rightarrow \text{big zero}$$

$$m^r + 1 + rm + \epsilon m^r + \epsilon m = am^r + 4m + 1$$

$$\begin{cases} -1 \\ -\frac{1}{0} \end{cases}$$

$$\frac{4 \pm \epsilon}{10} < -1$$