

$$\frac{\sqrt{\Delta}}{101} = \frac{1}{\epsilon} K$$

$$\xrightarrow{\quad} \frac{K}{9} K' = K - \Delta \rightarrow K = \pm \sqrt{\Delta}$$

$$\left[\frac{K'}{9} \right] = \left[\frac{9}{9} \right] = K$$

$$\textcircled{f} \quad \frac{-\Delta + \epsilon}{\epsilon} = -1 \quad S = -1 \quad \alpha' + \beta' = S - \epsilon P = K - \epsilon P = \Delta \rightarrow P = -\frac{1}{\epsilon}$$

$$a \left(\frac{1}{\epsilon} + \epsilon - \frac{1}{\epsilon} \right) \xrightarrow{\text{مربع}} a = -\frac{\epsilon}{\mu}$$

$$\rightarrow -\frac{\epsilon}{\mu} x + \frac{\epsilon}{\mu} x + \frac{1}{\mu} \xrightarrow{\text{مربع}} \frac{1}{\mu} = \frac{1}{\mu}$$

$$\textcircled{g} \quad x = \frac{-\Delta \pm \sqrt{\epsilon \Delta + \epsilon m}}{-\epsilon} < \frac{9}{\epsilon} \rightarrow \pm \sqrt{\epsilon \Delta + \epsilon m} < \epsilon$$

$$+\sqrt{\epsilon \Delta + \epsilon m} < \epsilon \quad \vee \quad -\sqrt{\epsilon \Delta + \epsilon m} < \epsilon \rightarrow -\frac{\epsilon \Delta}{\epsilon} < \frac{\epsilon m}{\epsilon} < -\frac{9}{\epsilon}$$

$$-\sqrt{\epsilon \Delta + \epsilon m} < \epsilon \quad \vee \quad \left\{ -\epsilon \Delta - \epsilon m = \epsilon \Delta - \epsilon m \right\} \rightarrow \epsilon \Delta$$

$$(4) \quad \frac{-\Delta}{r_a} = \frac{-1fE + r_m - E_m}{r_m} = r \quad \frac{-b}{\frac{1}{r_a} + r} = r$$

$$r_m^2 - 1fE + r_m - E_m = r$$

$$r_m^2 - 1fE + r_m - E_m = 0$$

$$\Delta m^2 - r_m - 1fE = 0$$

$$(m - E)(\Delta m + E) \rightarrow m = \frac{-1fE}{a} \times \rightarrow m = 0$$

$$(5) \quad \frac{1}{a} \ln \frac{1}{a} = \alpha \ln a, \beta \rightarrow a^r = \alpha \beta = r\alpha - 1 \rightarrow a^r = r\alpha - 1$$

$$\alpha \beta = r\alpha - 1$$

$$(a-1)^r \rightarrow a = 1$$

$$(7) \quad x^2 - vx - a = 0 \rightarrow x = \frac{v \pm \sqrt{v^2 + 4a}}{2} \rightarrow x = \frac{v \pm \sqrt{49}}{2}$$

$$t_1, x_1 \rightarrow x = \frac{v \pm \sqrt{49}}{2} \quad t_2 = \frac{v - \sqrt{49}}{2} \rightarrow x = \frac{v \pm \sqrt{49}}{2}$$

$$S = x_1 + x_2 = \frac{v + \sqrt{49}}{2} + \frac{v - \sqrt{49}}{2} = 0 \quad p = x_1 t_1 - x_2 t_2 = -t_1$$

$$= -\frac{v - \sqrt{49}}{2} \quad r p^2 - r s + r s = r \left(\frac{-v - \sqrt{49}}{2} \right) = -\frac{v + \sqrt{49}}{2}$$

$$t_1, x_1 \rightarrow x_1 = \frac{t_1 \sqrt{v^2 + 99}}{r} \quad t_1 = \frac{v \sqrt{99}}{r} \rightarrow x_1 = \frac{t_1 \sqrt{v^2 + 99}}{r}$$

$$S = x_1 + x_2 = \frac{v \sqrt{v^2 + 99}}{r} - \frac{v \sqrt{v^2 + 99}}{r} = 0 \quad p = x_1 t_1 - \sqrt{t_1} = -t_1$$

$$= -\frac{v \sqrt{v^2 + 99}}{r} \quad r p = -v \sqrt{v^2 + 99} = -v \sqrt{99} + \frac{v \sqrt{99}}{r}$$

$$(9) \quad y = kx^r - \epsilon x - q$$

$$y = -\epsilon x - \epsilon$$

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

$$y = kx^r - \epsilon x^r - q \Rightarrow \frac{r}{k} - \frac{1}{k} - q = \frac{-\epsilon}{k}$$

$$\frac{-\epsilon}{k} - q = -\frac{r}{k} - \frac{\epsilon}{k}$$

$$\frac{r}{k} = 1 \rightarrow k = r$$

$$\frac{r}{r} - q \Rightarrow \frac{-\epsilon}{r} - q = -1$$

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

$$\Delta = (m+1)^2 - 4(m+1) \{0\}$$

$$0 = 4m^2 + 4m + 1 \rightarrow (2m+1)(m+1) \{0\}$$

$$m = \left(-1, -\frac{1}{2}\right) \leftarrow$$

$$\frac{-1 \pm \sqrt{1 - \frac{1}{4}}}{2}$$

+ 0 - 0 +