

$$\alpha\beta = \frac{r}{\mu} \rightarrow \mu\beta^r = \frac{r}{\mu} \rightarrow \beta^r = \frac{r}{q} \rightarrow \beta = \pm \frac{r}{\mu} \rightarrow \alpha = \pm r$$

$$\alpha = \mu\beta \quad \alpha = \frac{0}{\mu} = \alpha + \beta$$

$$\rightarrow a = \mu\alpha + \mu\beta \rightarrow \textcircled{A} \rightarrow 1 - (-1) = 14$$

$$\mu\mu^r - (m+1)r = 0 \quad \frac{\alpha+\beta + r\sqrt{\alpha\beta}}{\alpha\beta} = r\omega \rightarrow \frac{m+1r}{\mu\mu} + r\sqrt{\frac{1}{\mu\mu}} \rightarrow m+1r+1r = r\omega \rightarrow m = -1$$

$$\rightarrow \alpha\beta = \frac{1}{\mu\mu}$$

$$\frac{1}{\sqrt{\alpha}} + \frac{1}{\sqrt{\beta}} = \frac{1}{\sqrt{\alpha\beta}} \rightarrow \frac{1}{\sqrt{\alpha}} + \frac{1}{\sqrt{\beta}} = \frac{1}{\sqrt{\frac{1}{\mu\mu}}} \rightarrow \frac{1}{\sqrt{\alpha}} + \frac{1}{\sqrt{\beta}} = \mu$$

$$\alpha + \beta + r\sqrt{\alpha\beta} = \frac{0}{\mu} \rightarrow \alpha + \beta + r\sqrt{\alpha\beta} = \frac{0}{\mu}$$

$$\rightarrow m+1r = 14 \rightarrow \boxed{m=2}$$

$$m\mu^r + \mu\mu + r = 0 \rightarrow \frac{r}{m} = \frac{r}{r} = \boxed{1} \checkmark$$

$$F\alpha^r + k\alpha^r q\alpha - r = 0 \rightarrow F(\alpha+\beta)^r + k(\alpha+\beta)^r q(\alpha+\beta) - r = 0$$

$$F\beta^r + k\beta^r q\beta - r = 0 \quad \left. \begin{array}{l} \\ \end{array} \right\} + = 0$$

$$(\alpha+\beta)^r \mu\alpha\beta(\alpha+\beta) \rightarrow 1+4=5 \rightarrow r\mu + 0k - 1r = 0 \rightarrow 10 = 0k$$

$$(\alpha+\beta)^r \mu\alpha\beta = 1+r = 0 \rightarrow \boxed{k=2}$$

$$\alpha \beta 0 \rightarrow 0+0+0 > 0$$

$$\alpha^r + 4\alpha + 0 = 0 \quad \alpha^r + r(\alpha^r + \beta^r) = 12\sqrt{r} + 14$$

$$\alpha + \beta = -4 \quad \alpha^r + 12\sqrt{r} - 14 = 12\sqrt{r} + 14$$

$$\alpha = -\beta - 4$$

$$S = -4 \quad \alpha\beta = \alpha \quad \alpha, \beta = \frac{-4 \pm \sqrt{16 - 4a}}{r} \rightarrow \alpha < \beta \rightarrow \alpha = -\mu\sqrt{9-a}$$

$$\mu\alpha^r + r\beta^r = \alpha + r(5-r\mu) = 12\sqrt{r} + 14 \rightarrow \alpha = 1$$

$$\lambda^r V \lambda^r - a = 0 \rightarrow C = -a \rightarrow \lambda_1^r > 0 \checkmark \lambda_2^r < 0 \checkmark$$

(Jawab)

$$\sqrt{\lambda_1^r} = \pm \lambda_1 \rightarrow \alpha + \beta = 0$$

$$\alpha\beta = p \rightarrow r p^r = \frac{V + \sqrt{49}}{r}$$

$$\lambda_1^r = \frac{V + \sqrt{49 + r^2}}{r} = \frac{V + \sqrt{49}}{r}$$

$$\lambda_2^r = \frac{V - \sqrt{49 + r^2}}{r} \rightarrow \lambda_2^r = \frac{V - \sqrt{49}}{r} \rightarrow S = 0, P = \left(-\frac{V + \sqrt{49}}{r}\right)$$

$$r \lambda^r a + b = 0 \rightarrow \alpha + \beta = S_1 = \frac{a}{r} \rightarrow r \lambda - 12 + b = 0$$

(Jawab)

$$r \lambda^r + a x - 9 = 0 \rightarrow \alpha + \beta = S_2 = -\frac{1}{r} \rightarrow r \lambda^r + 12 - 9 = 0$$

$$1 + \left(\frac{1}{r}\right) = \frac{a}{r} \rightarrow a = 1$$

(5)

$$\alpha + \beta = -\frac{1}{r} \rightarrow (\alpha + \frac{1}{r})(\beta + \frac{1}{r}) = \frac{b}{r}$$

$$\rightarrow \frac{-r}{\alpha + \beta} + \frac{1}{r}(\alpha + \beta) + \frac{1}{r} = \frac{b}{r} \rightarrow b = -9$$

$$\left[\frac{-9}{r}\right] = [-12] = \frac{-r}{r}$$

$$\lambda^r (a+1)x + a = 0 \rightarrow r \alpha + r = a+1 \quad \lambda^r + x = a \quad -1$$

$$\lambda^r (ra+1)x + b = 0 \rightarrow r \alpha + r = ra+1$$

$$\begin{cases} \alpha^r + r \alpha = a \\ r \alpha + 1 = a \end{cases} \rightarrow \alpha^r - 1 = 0$$

$$\rightarrow r \alpha + r = 10 \rightarrow \alpha = r$$

$$\alpha = \pm 1 \rightarrow +1 \checkmark$$

$$\alpha^r + r \alpha = b \rightarrow 19 + 1 = r - b$$

$$\beta = -r \checkmark$$

$$b - a = r - r = 0$$

$$a \lambda^r a - b = 0 \rightarrow \alpha + \beta = 1$$

(Jawab)

$$\alpha\beta = \frac{-b}{a}$$

$$r \alpha p(\beta - 1) + r \alpha \beta + r \alpha \alpha^r \rightarrow -r \alpha \beta + r \alpha (\alpha + \beta) + r \alpha \alpha^r$$

$$\frac{r \alpha b}{a} + \frac{r \alpha b}{a} + r \alpha = 19 \rightarrow \frac{9 \alpha b}{a} = -19 \rightarrow -\frac{b}{a} = \frac{1}{r} = \alpha\beta$$

$$\alpha\beta \rightarrow \sqrt{(\alpha - \beta)^r} = \sqrt{(\alpha + \beta)^r r \alpha \beta} = \sqrt{1 - \frac{1}{a}} = \frac{r}{\sqrt{a}}$$

MAHAN

$$n^r + n = 1 - m^r = 0 \rightarrow \alpha + \beta = -1$$

9

$$\alpha^r + \beta^r \quad \alpha\beta = -1 - m^r \rightarrow \alpha, \beta < 0$$

$$L \rightarrow (\alpha + \beta)^r - r\alpha\beta = 1 + r + m^r = m^r + r > 0 \rightarrow m = 0$$

$$\alpha^r + \beta^r = S - rP \rightarrow r m^r + r \rightarrow r m^r, r \rightarrow r m^r + r, r \quad (9)$$

$$\frac{-a+r}{r} = -1 \quad \text{ext} \begin{vmatrix} -1 \\ 1 \end{vmatrix} \quad \frac{\alpha+\beta}{r} = -1 \rightarrow \alpha+\beta = -1 = \frac{-b}{a}$$

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$$a(+1) + b(-1) + c = 1$$

$$\frac{1}{(\alpha+\beta)^r} r\alpha\beta = 0 \rightarrow \alpha\beta = \frac{c}{a} = -1$$

$$a - b + c = 1 \rightarrow -a + a - r a = 1$$

$$\rightarrow a = -\frac{1}{r} \quad \frac{c}{a} = -r \rightarrow \boxed{c=1}$$

$$x_5 = -1$$

$$y = a x^r + r a x + a + 1$$

$$\alpha^r + \beta^r = S - rP \rightarrow a = \frac{r}{r}$$

$$a + 1 = \frac{1}{r} \leftarrow \frac{1}{r} \text{ not } 1$$