

۱,۷۵

نام و نام خانوادگی ریاضی پاسخنامه تشریحی تکلیف شماره ۱۳ ... کلاس ... ریاضی ...

$$x_0 = 2 \rightarrow \frac{-1}{2(a-1)} = 2 \quad -\frac{1}{x} x^2 + x + 3 = 0 \quad 1,75$$
$$f(a-2) = -1 \quad \Delta = 1 - 4(-\frac{1}{x})(3) = 4$$
$$f(a) = 3 \quad x_1 = \frac{-1+2}{2 \times -\frac{1}{x}} = -2x \quad x_2 = \frac{-1-2}{2 \times -\frac{1}{x}} = 3$$
$$a = \frac{3}{x}$$

① $\Delta > 0 \rightarrow r\omega - \frac{f(m)(m)}{f(m)^2} > 0 \rightarrow \frac{0}{r} < m < \frac{0}{r}$

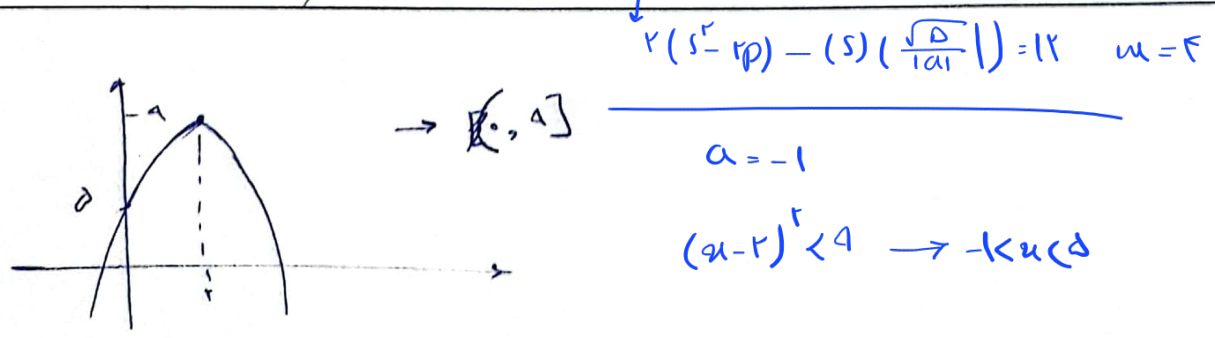
② $a < 0$ جدول

$$a^2 > f(m)^2 \rightarrow \Delta > r m \quad \frac{m}{r} < 0$$
$$r, \omega > m$$
$$\frac{0}{r} < m < 0$$

$$\alpha, \beta = \frac{(r+\sqrt{\Delta}) \times (r-\sqrt{\Delta})}{4} = \frac{4 - 4\sqrt{\Delta} + 4\sqrt{\Delta} - \Delta}{4} = \frac{4-\Delta}{4}$$
$$\alpha + \beta \rightarrow \frac{4 + \sqrt{\Delta} + 4 - \sqrt{\Delta}}{4} = 2$$
$$y = 4x^2 - 12x + 4$$

$\alpha < \beta \xrightarrow{m=?}$

$$\Delta = f_1 - \Delta m = 4$$
$$r(1-\sqrt{t}) + \frac{1+\sqrt{t}}{r} = 12$$
$$f_1 = 5r - 2\sqrt{t} \quad (\sqrt{t}(-1))^2$$
$$m = -2$$



$$\frac{\alpha + \beta}{\alpha \beta} = \frac{\frac{\alpha}{\beta}}{\frac{\alpha}{\beta}} = \frac{1}{\frac{\alpha}{\beta}}$$

$$\alpha\beta = \frac{9\beta}{\alpha} \rightarrow \alpha = \pm 3$$

$$\alpha + \beta = \frac{1}{\alpha}$$

$$\begin{cases} \alpha = 3 \rightarrow \beta = -\frac{1}{3} \\ \alpha = -3 \rightarrow \beta = \frac{1}{3} \end{cases}$$

$$\frac{1}{\alpha} + \frac{1}{\beta} = \frac{1}{9}$$

$$\alpha + \beta = ? \rightarrow m = ?$$

$$\sqrt{m^2 + 1} = m$$

$$\alpha^2 = m - m\alpha$$

$$\alpha + \beta = -m \rightarrow m + m^2 = 1$$

$$m^2 + m - 1 = 0$$

$$\alpha^2 - m\beta = 1$$

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

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

$$\alpha^2 - \beta^2 - (\alpha + \beta) = 1$$

$$m = -2$$

$$\begin{cases} -2 \Delta \cdot x \\ 2 \Delta \cdot y \end{cases} \quad S = -m = 2$$

$$m = ?$$

$$m^2 - m - 1 = 0 \rightarrow \Delta = 5$$

$$y_s = -\frac{\Delta}{ka} = 1 \rightarrow \frac{m^2 + 1}{m} = 1$$

$$\begin{cases} m_1 = -2 \\ m_2 = 3 \end{cases}$$

$$\alpha = -1$$

$$n = r = k$$

$$x_1 = \frac{-F + 4}{F(-1)}$$

$$x_2 = \frac{-F - 4}{F(-2)}$$

$$\frac{\Delta}{r}$$

$$f(x) = -x^2 + Fx + 4$$

$$-x^2 + Fx + 4 = 0$$

$$\Delta = 14 - F(-1)(4) = 18$$

$$-Fa = b$$

$$x_s = \frac{b}{ka} = 1$$

$$c = F$$

$$y_s = 4$$

$$f(x) = ax^2 + bx + c = \frac{1}{4}x^2 + rx + F$$

$$Fa + \Delta a + F = 0$$

$$\begin{cases} Fa - \Delta a = F \\ -Fa = F \end{cases}$$

$$a = \frac{1}{r}$$

$$b = 1$$

$$\frac{1}{a} + \frac{1}{b} = \frac{\alpha + \beta + F}{\alpha\beta - 1} = \frac{-1}{r}$$

$$m^2 - m - 1 = 0$$

$$a = ?$$

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

$$F = (Fa + F)r + (ra^2 + 4a + r) = 0$$

$$\Delta = 14$$

$$F - \Delta a - 1 + ra^2 + 4a + r = 0$$

$$a = \frac{1}{r} \rightarrow n = \frac{1}{r}$$

$$x_1 = \frac{1 + \sqrt{14}}{2}$$

$$x_2 = \frac{1 - \sqrt{14}}{2}$$

$$a = 1, \frac{1}{r}$$

$$ra^2 - ra - 1 = 0$$

$$\Delta = 14$$

$$a_1 = \frac{r + \sqrt{14}}{4}, a_2 = \frac{r - \sqrt{14}}{4}$$