

باستفاده تکنیک شماره ۲۴ :

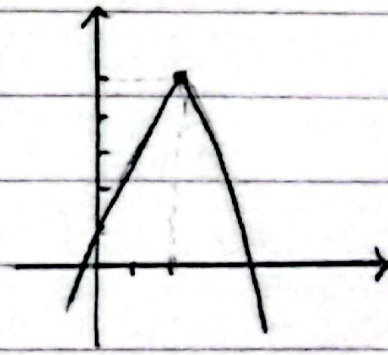
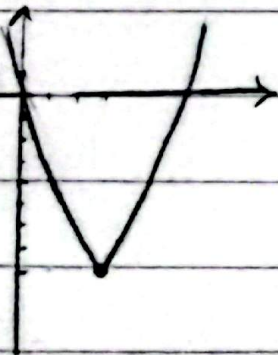
حالاتی

درمورد A

$$y = 2x^2 - 4x + 1 \quad \text{است} \quad \left. \begin{array}{l} \frac{-b}{2a} = \frac{-(-4)}{2 \cdot 2} = 1 \\ 2(1)^2 - 4(1) + 1 = -1 \end{array} \right\} \left| \begin{array}{l} 1 \\ -1 \end{array} \right. \rightarrow \begin{array}{l} \text{نقطه} \text{ min} \text{ دارد.} \\ \text{چون } a > 0 \end{array}$$

$$y = -2x^2 + 4x - 1 \quad \text{است} \quad \left. \begin{array}{l} \frac{-b}{2a} = \frac{-4}{2 \cdot (-2)} = 1 \\ \frac{-\Delta}{2a} = \frac{4^2 - 4 \cdot (-2)}{2 \cdot (-2)} = \frac{24}{-4} = -6 \end{array} \right\} \left| \begin{array}{l} 1 \\ -6 \end{array} \right. \begin{array}{l} \text{نقطه} \text{ max} \text{ دارد} \\ \text{چون } a < 0 \end{array}$$

$$\begin{array}{l} \text{الف} \left| \begin{array}{l} \frac{-b}{2a} = \frac{4}{2} = 2 \\ 9 - 16 + 1 = -7 \end{array} \right. \\ \text{ب} \left| \begin{array}{l} \frac{-b}{2a} = \frac{-4}{-2} = 2 \\ -(2)^2 + 4(2) + 1 = -4 + 8 + 1 = 5 \end{array} \right. \end{array}$$



$$r^2 + kr - 9r - r = 0 \quad \alpha + \beta = 1 \quad \alpha \cdot \beta = -r \rightarrow \alpha + \beta + r = \frac{-k}{r}$$

$$\left. \begin{aligned} \alpha + \beta + r &= \frac{-k}{r} \\ \alpha + \beta + r &= \frac{-9}{r} \\ \alpha \cdot \beta &= \frac{-1}{r} \end{aligned} \right\} r = \frac{-1}{k}$$

$$1 + (-\frac{1}{r}) = \frac{-k}{r} \rightarrow \boxed{k = -r}$$

$$r^2 - (m+r)n + m = 0 \quad m = \frac{-1}{r} \rightarrow r^2 + \frac{1}{r}n - \frac{1}{r} = 0 \rightarrow r^2 + \frac{1}{r}n - r = 0$$

$$\text{... } \left[x = \frac{-1}{r} \right] \quad \leftarrow \frac{r}{r} = 1, \frac{-r^2}{r} = -\frac{1}{r}$$

$$r^2 - (m+r)n + m = 0 \quad \text{sub. } c: \rightarrow n = 1 \rightarrow m \rightarrow S = \frac{1}{r} |m(\frac{m}{r} - 1)|$$

$$|m(\frac{m}{r} - 1)| = r \rightarrow \left\{ \begin{aligned} m = -1 &\rightarrow \frac{m}{r} = -\frac{1}{r} \\ m = r &\rightarrow \frac{m}{r} = \frac{r}{r} \end{aligned} \right\} \frac{-1}{r}, \frac{r}{r}$$

$$z_s = \frac{-b}{r_1} = \frac{-r}{r_1} \quad y_s = \frac{-\Delta}{r_1} = \frac{r^2 - 9}{r_1} = \frac{r - 9}{r} = \frac{r}{r} \rightarrow \Delta r^2 - \Delta = r_1 \rightarrow \Delta r^2 - r_1 \Delta = 0$$

$$\Delta = 4r_1 \rightarrow \alpha = \frac{-b \pm \sqrt{\Delta}}{r_1} = \frac{V \pm \sqrt{4r_1}}{1r} = \alpha_1 = r \rightarrow \alpha_2 = -\frac{9}{r} \quad \frac{a}{r} \text{ (best } a' \text{)}$$

$$r^2 - (a+1)n + a = 0 \quad \left\{ \begin{aligned} a = 1 \\ a = a \end{aligned} \right. \text{ (sub. } a' \text{)} \quad r^2 - 1 \cdot n + 1 = 0$$

$$k + (k+r) = 10 \quad \boxed{k = r} \rightarrow r > 9 \rightarrow r \times 9 - r \times 1 = r(1)$$

$$z_s = \frac{-b}{r_1} = \frac{-a}{-r_1} = \frac{1}{r} \quad y_s = -a(\frac{1}{r})^r + a(\frac{1}{r}) + r = \frac{9}{r} + r$$

$$y_r = b(\frac{1}{r})^r - b(\frac{1}{r}) - 1 = \frac{-b}{r} - 1 \rightarrow \frac{9}{r} + r = \frac{-b}{r} - 1 \rightarrow a + b = -1r \quad b = a \rightarrow b = -1r \cdot a$$

$$b = a = -1r \cdot a \cdot a = b \cdot a = \boxed{-1r \cdot r \cdot a}$$

$$\alpha \beta = \frac{c}{r_1 \alpha} \rightarrow \alpha^r = \frac{1}{r_1} \rightarrow \alpha = \frac{\pm 1}{\omega} \quad n = \alpha; r_1 \alpha x \frac{1}{r_1} + r \alpha + \beta = 0$$

$$\alpha \alpha + \beta = 0 \rightarrow \beta = -\omega \alpha \quad \beta \neq \alpha \left\{ \begin{aligned} \alpha &= \frac{-1}{\omega} \\ \beta &= 1 \end{aligned} \right\} \quad y = -\omega \alpha^r + r \alpha + 1$$

$$y_s = \frac{-\Delta}{r_1} \frac{\Delta y}{\alpha \alpha} + \frac{-b}{r_1} = \frac{-r}{-1} = \frac{r}{\omega} \quad \text{Ch. 1. 2. 2}$$

$$x^r - (a^r + b^r - 1)x + (a+b-1) = 0 \Rightarrow S = a^r + b^r - 1 = a+b \quad (1)$$

$$P = a + b - 1 = a \cdot b$$

$$a^r + b^r = (a+b)^r - r \frac{(a+b)^{r-1}}{y} ab \rightarrow \frac{(a+b)^r}{y} - r \frac{(a+b-1)}{y} - 1 = \frac{a+b}{y} \rightarrow y^r - r y - 1 = 0$$
$$(y - a)(y + r) = 0$$
$$\boxed{a+b=a} \quad \leftarrow \quad \boxed{a} \quad -r$$