

مثلاً (٢١) $\rightarrow 1 = a(5) + 9 \Rightarrow 1 = 5a + 9 \Rightarrow a = -\frac{1}{5} \Rightarrow y = -\frac{1}{5}(x+1) + 9$

$$f = -\frac{b}{a} = \frac{1}{2} = \boxed{2}$$

$$P = \frac{c}{a} \Rightarrow \frac{f}{r} = k_1 n_r \Rightarrow \frac{f}{r} = r n_r^2 \Rightarrow n_r = \frac{r}{r} = 1 \Rightarrow n_1 = \frac{r}{r}$$

$$n_1 = r n_r$$

$$r \Rightarrow 1r - 2a + c = 0 \Rightarrow a = 1$$

$$-r \Rightarrow 1r + 2a + c = 0 \Rightarrow a = -1$$

$$1 - (-1) = \boxed{2}$$

min ab
داشتن به
که می وقت بود
شماره

$$\Rightarrow a > 0 \text{ ①}$$

$$-\frac{b}{a} > 0 \Rightarrow -\left(\frac{r+2a}{a}\right) > 0 \Rightarrow \frac{r+2a}{a} < 0$$

یکداز به مقادیر منفی
درگیری مثبت است

$$y = x(ax + r + 2a)$$

$$\frac{-\frac{r}{a}}{1 + \frac{2}{a}}$$

$$\left(-\frac{r}{a}, 0\right) \text{ ②}$$

بر ①، ② هیچ اشتراکی وجود ندارد $\Rightarrow$ هیچ نقطه ادا
① $\cap$ ② = $\emptyset$

$$x = -\frac{b}{2a}$$

-A

$$y = n^2 + an - r \Rightarrow -\frac{b}{2a} = -\frac{a}{2} \Rightarrow -\frac{a}{r} = -1 \Rightarrow a = r$$

$$y = -n^2 - 2n + b \Rightarrow -\frac{b}{2a} = \frac{r}{-2} = -1$$

$$\Rightarrow y = n^2 + 2n - r \quad y=1 \Rightarrow n^2 + 2n - r = 0$$

$$y = -n^2 - 2n + b \quad y=1 \Rightarrow -n^2 - 2n + b - 1 = 0$$

$$-9 + 7 + b - 1 = 0 \Rightarrow b = 3$$

$$-1 - 5 + b - 1 = 0 \Rightarrow b = 7$$

$$\Rightarrow ab = 2 \times 3 = \boxed{6}$$

$$r n^2 - a n + b = 0 \quad n_1, n_2 : \text{ریشه ها}$$

$$2a n^2 + a n - 4 = 0 \quad n_1 = \frac{1}{r}, n_2 = \frac{1}{r} : \text{ریشه ها}$$

$$\left[\frac{ab}{c}\right] = ? \Rightarrow \left[\frac{-7 \times 1}{r}\right] = \left[\frac{r}{r}\right] = \boxed{-7}$$

$$n^2 + 4n + m = 0 \quad n_1, n_2 : \text{ریشه ها}$$

$$n^2 + 2n - 3 = 0 \quad n_1, n_2 : \text{ریشه ها}$$

$$S = -\frac{b}{a}$$

$$S = n_1 + n_2 = -4 \Rightarrow |S - S'|$$

$$S = n_1 + n_2' = -2$$

$$|S - S'| = |-4 - (-2)| = |-2| = \boxed{2}$$

$$|S - S'| = |n_1 + n_2' - n_1 - n_2| = |n_2' - n_2|$$

$$S = -\frac{b}{a} = n_1 + n_2 = \frac{r}{r} \Rightarrow P = \frac{c}{a} = n_1 n_2 = \frac{b}{r}$$

$$S' = -\frac{b}{a} = n_1 + n_2' = \frac{b}{r} - 1 = -\frac{a}{r}$$

$$+\frac{a}{r} - 1 = -\frac{1}{r} \Rightarrow a = 1$$

$$P' = \frac{c}{a} = \left(n_1 \cdot \frac{1}{r}\right) \left(n_2 - \frac{1}{r}\right) = n_1 n_2 + \frac{-n_1 + n_2}{r} + \frac{1}{r}$$

$$= \frac{b}{r} - \frac{a}{r} + \frac{1}{r} = -\frac{4}{r}$$

$$\frac{2b - a + 1}{r} = -\frac{4}{r}$$

$$a = 1 \Rightarrow \frac{2b - 1 + 1}{r} = -\frac{4}{r} \Rightarrow b = -4$$