

سید محمد

$$\frac{b}{a} = 1 \Rightarrow b = a$$

$$x = 1$$

$$1 = 9a + \frac{1}{3}b + c$$

$$1 = 12a + c$$

$$\frac{-b^2 + 4ac}{4a} = 9$$

$$-b^2 + 4ac = 36a$$

$$-4a^2 + 4ac = 36a$$

$$c(-a + c) = 9a$$

$$-a + c = 9$$

$$-12a + c = -1$$

$$-14a = -1$$

$$a = -\frac{1}{14} \Rightarrow b = -\frac{1}{7}$$

$$c = \frac{1}{2}$$

$$y = -\frac{1}{14}x^2 - \frac{1}{7}x + \frac{1}{2}$$

$$\frac{b-c}{a} > 0 \Rightarrow m > 0$$

$$m < 0 \text{ II}$$

$$\frac{m+4}{2} > 0 \Rightarrow m > -4 \text{ III}$$

$$-f(x)(m+4) > 0 \quad (x)$$

$$m^2 - 14m + 1 > 0$$

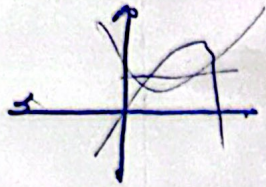
$$(m-14)(m+1) > 0$$

$$\begin{array}{c} + & - & + \\ - & + & - \end{array}$$

$$(-\infty, -1) \cup (14, \infty) \text{ I}$$

$$(0, -1)$$

CS



$$\frac{-a}{r} = \frac{2 \text{ محلولين}}{-2}$$

①

$$\begin{aligned} 2a &= 4 \\ a &= 2 \end{aligned}$$

$$y = -x^2 - 2x + b$$

$$x^2 + 2x - 2$$

$$\begin{aligned} -x^2 - 2x + b &= 1 \\ + \quad x^2 + 2x - 2 &= 1 \\ \hline b - 2 &= 3 \\ b &= 5 \end{aligned}$$

$$\left\{ \begin{aligned} ab &= 4 \times 5 = 20 \end{aligned} \right. \quad \text{②}$$

$$\frac{a}{r} = \frac{-q}{p} + 1$$

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

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

$$a+1=r$$

$$\boxed{a=1}$$

$$\left\{ \begin{aligned} x^2 - ax + b &= x^2 - x + b \\ 2ax + an - 4 &= -1/2 \\ x^2 + x - 4 &= r^2 \end{aligned} \right.$$

$$x^2 + x - 12$$

$$(x+4)(x-3) = 0$$

$$\begin{aligned} x &= -4 \rightarrow -r \\ x &= 3 \rightarrow \frac{r}{2} \end{aligned}$$

$$x^2 - 5x + 12$$

$$\left[\frac{ab}{r} \right] = \left[\frac{4}{r} \right] = 1 \quad \begin{aligned} & x^2 - 5x + 12 \\ & - 2x^2 + 2x + (4) - b \end{aligned}$$

حل المسألة

(12)

$$\cancel{x} + \cancel{r}m = \cancel{x} + \cancel{r}m + m$$

$$L_{\text{مجموع}} =$$

$$L = \text{مجموع}$$

$$\cancel{x} + 4x + m = \cancel{x} + 2x - 2m$$

$$2x = -2m$$

$$x = -m$$

$$-m$$

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

$$L = -\Delta, \quad \text{مجموع} = \Delta, \quad \text{حاصل ضرب} = -\Delta$$

$$m(m - \Delta) = 0$$

$$m = \Delta \quad \text{أو} \quad m = 0$$

$$m = \Delta \quad \text{أو} \quad m = 0$$

$$(n + \Delta)(n + 1) = n^2 + 4n + \Delta$$