

$$\frac{-1}{2a-2} = 2$$

$$\epsilon a - \epsilon = -1$$

$$a = \frac{3}{\epsilon}$$

$$-\frac{1}{\epsilon}x^2 + x + 3$$

مقیاس

$$\frac{-1 \pm \sqrt{1+3}}{-\frac{1}{\epsilon}} = 4$$

1

$$-m > 0$$

$$m < 0$$

$$2\Delta + \epsilon m^2 > 0$$

$$-2\Delta > \epsilon m^2$$

$$-0 > 2m$$

$$-\frac{\Delta}{\epsilon} > m$$

~~$$-2,0 < m < 0$$~~

$$-2,0 < m < 0$$

2

$$x^2 + 5x + p$$

$$x^2 + 2x + \frac{4}{9}$$

$$9x^2 - 18x + 4$$

3

$$a^2 + b^2 + 2c = 12$$

$$x^2 - m^2 + 18x - m - 2 = 12$$

$$-2m + 18x = 12$$

4

$$9 - \Delta = \epsilon \Rightarrow (2-0)^2 \Rightarrow -x^2 + b^2 + c$$

$$-x^2 + 2b + \Delta = 9$$

$$b = \epsilon$$

$$-x^2 + \epsilon x + \Delta = -(x+1)(x-8)$$

$$\frac{-1}{-} + \frac{\Delta}{-}$$

5

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

عقوبتوں میں
 $\alpha = \pm 3$

$$-3 + \beta = -\frac{3}{\beta} \Rightarrow \beta = \frac{1}{3}$$

$$-3\alpha^2 - 7\alpha + 9\beta$$

$$\frac{3}{1} + (-\frac{1}{3}) = \frac{3}{1}$$

6

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

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

$$-m(\frac{m}{-1}) + 2m = 1$$

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

$$\alpha^2 + m\alpha - 2m$$

$$\alpha^2 + 2\alpha - 4$$

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

$$(m+2)(m-1) = 0 \Rightarrow m = -2$$

7

$$-\frac{\Delta}{\epsilon a} = 1$$

$$\frac{-14 + 2m^2 + 2\lambda m}{\epsilon m}$$

$$2m^2 - \epsilon m - 14 = 0$$

$$m^2 - 2m - 7 = 0 \Rightarrow (m-5)(m+1) = 0$$

$$-2\alpha^2 + \epsilon\alpha + 4$$

$$+ \alpha^2 + 2\alpha - 4 = 0 \Rightarrow \alpha = 2, -1$$

$$\epsilon m < 0 \Rightarrow \epsilon = -1$$

8

$$9 - \epsilon = \frac{1}{\gamma} (\gamma - 0)^2 \Rightarrow -b\alpha^2 + b\alpha + c$$

$$-\frac{1}{\gamma}\alpha^2 + b\alpha + \epsilon$$

$$-\frac{1}{\gamma}(\gamma^2) + b + \epsilon = 4$$

$$b = 2$$

$$+\alpha^2 - \epsilon\alpha - 1 = 0$$

$$\frac{1}{\alpha} + \frac{1}{\beta} = \frac{\alpha + \beta}{\alpha\beta} = \frac{2}{-1} = -\frac{1}{3}$$

9

$$f - 1a - 1 + 3a^2 + 9a + 3 = 0$$

$$3a^2 - 2a - 1 = 0$$

$$(a-1)(3a+1) = 0$$

$$a = 1 \rightarrow \text{قوة}$$

$$\alpha^2 - 1\alpha + 1 = 0 \Rightarrow \alpha = 2, 1$$

10