

$y = -\frac{1}{7}(m^2 + 2m + 1) + 9 \rightarrow y = -\frac{1}{7}m^2 - m + \frac{16}{7}$ ✓

سوال ۲) $(1, 7)$
 $\cap \rightarrow (-4, -4)$

$$\begin{array}{c} -f & 12 \\ + & | & - & | & + \\ \hline \end{array} \rightarrow (-\infty, -f) \cup (12, \infty)$$

سؤال ۱۳ (۱،۷۵)

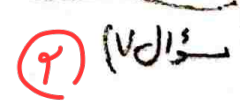
جميع مقادير

سؤال ٢

سوال (۲)

$$t^r = A = \infty$$

سؤال ١٥ ✓
~~- ٨ - ٨ = ١٦~~ (٢)



✓ هیچ مقداری از آن مورد قبول نیست

$\frac{y}{x} = \frac{-b}{a} \rightarrow a = 2 \quad y = -x^2 - 2x + b \quad y = x^2 + 2x - 2$
 $\hookrightarrow y = 1 \rightarrow x^2 + 2x - 2 = 1 \rightarrow (x+3)(x-1)$ (سؤال 1)
 $x = -1 \rightarrow 1 = -1 - 2 + b \rightarrow b = 4$
 $x = 1 \rightarrow 1 = 1 + 2 + b \rightarrow b = -4$
 $a \cdot b = 16$ ✓

$\alpha + \beta + 1 \rightarrow \frac{a}{r} + 1 = \frac{-1}{r} \rightarrow \frac{a}{r} = \frac{-2}{r} \rightarrow a = -2$ (سؤال 1)
 $(\alpha + \frac{1}{r})(\beta + \frac{1}{r}) \Rightarrow (\alpha \cdot \beta) + \frac{1}{r}(\alpha + \beta) + \frac{1}{r^2} = -3 \Rightarrow \frac{b}{r} - \frac{2}{r} + \frac{1}{r} = -3 \Rightarrow \frac{rb - 2}{r^2} = -3 \rightarrow rb - 2 = -12$
 $\hookrightarrow b = -10$
 $\left[\frac{-2x - 10}{r} \right] \rightarrow \frac{10}{r}$

$x^2 + 4x + m = x^2 - 2x + 2m = 0 \quad x^2 + \delta x = 0 \rightarrow x(x + \delta) = 0 \rightarrow x \neq 0$
 $4x + 2m = 0 \rightarrow x = -\frac{2m}{4} = -\frac{m}{2}$
 $x = -\frac{m}{2} \rightarrow m = -2x$
 $x^2 + 2x + 1 = (x+1)(x+1)$
 $x^2 + 4x + \delta = (x+1)(x+\delta)$
 $\delta = 3$
 $\delta = -5$
 $3 + 1 = 4$ ✓
 $-1 - 3 = -4$
 اختلاف يعني قدر مطلق (همیشه مثبت)

معادله دوم $\begin{cases} S = \alpha + \beta = -\frac{1}{r} \\ P = \alpha\beta = \frac{2}{a} \end{cases}$ -4
 معادله اول $\begin{cases} S = \alpha + 0.2 + \beta + 0.2 = -\frac{1}{r} + 1 = \frac{1}{r} = \frac{a}{r} \rightarrow a = 2 \\ P = (\alpha + 0.2)(\beta + 0.2) = \frac{-2}{r} = \frac{b}{r} \rightarrow b = -2 \end{cases}$
 $\left[\frac{ab}{r} \right] = \boxed{-2}$