

19175

ملیات و کلیات

DATE

Subject:

$$B^P = AB - 2$$

$$\frac{fA + (AB-2)^P \times B}{2AB - 1}$$

$$fA + 2AB^P + EB - 2 \cdot B^P$$

$$f(A+B) + 2AB^P - 2 \cdot B^P$$

$$\frac{fA + fB}{2}$$

$$\frac{2AB^P - 2 \cdot B^P + 2}{2}$$

$$\frac{AB^P - fB^P + E}{AB - 2}$$

$$\Rightarrow B^P = \frac{2AB - 1}{2} \times B^P = B(AB - 2) = AB^2 - 2B$$

$$B^P = 2B - 1$$

$$11AB - 5 - 2 \cdot B + 1 = \frac{9AB - 31}{AB - 2} = 19$$

$$(3, -4), (-1, 5, -4) \Rightarrow$$

کیان در

دو نقطه با ارتفاع کیان 2 طرف متر قرار دارند

$$\frac{x_1 - 1, 5}{2} = 0, 75 \rightarrow$$

$$\frac{x_1 + x_2}{2} = 0, 75 \Rightarrow x_1 + x_2 = 1, 5$$

$$|x_1 - x_2| = \frac{\sqrt{b^2 - 4ac}}{|a|}$$

9-3

$$\frac{|x_1 - x_2|}{\left(\frac{\epsilon}{r} k\right)^r} = \left(\sqrt{\frac{\epsilon}{r} k^r - y_0}\right)^r$$

$$q \times \frac{\epsilon}{r} k^r - y_0 = \frac{1}{q} k^r \times q$$

$$\frac{\epsilon}{r} k^r - y_0 = \frac{1}{q} k^r$$

$$y_0 k^r = 1 \Rightarrow k^r = q \Rightarrow \left[\frac{k^r}{r}\right] = \frac{q}{r} \left[\frac{\epsilon}{r}, q\right]$$

$$= \left[\frac{\epsilon}{r}\right]$$

9-3

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

$$(-1, 1) \rightarrow \text{get } \omega_f$$

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

$$(a + r)^r = a^r + r^r + r^r a$$

$$\epsilon = a + r^r a \rightarrow a + r = -1$$

$$x^r + r x - \frac{1}{r} = y \rightarrow r x = 0 \rightarrow y = -\frac{1}{r}$$

Arman

$$x = \frac{-b \pm \sqrt{\Delta}}{2a} = \frac{-a \pm \sqrt{4a + 4m}}{-2} < \frac{a}{2}$$

$$0 \leq 4a + 4m < 16 \quad -4, 4a \leq m < -4, 4a$$

$$-4, -4, -4, -4 \rightarrow \text{line}$$

$$g_{\min} = 4$$

$$x = \frac{-b}{2a} = \frac{4}{2m} = \frac{2}{m}$$

$$4 = m \left(\frac{2}{m} \right)^2 - 4 \left(\frac{2}{m} \right) + 4m - 1$$

$$4 = \frac{4}{m} + 4m - 1 \rightarrow 4m - \frac{4}{m} = 4$$

$$4m^2 - 4 = 4m$$

$$4m^2 - 4m - 4 = 0$$

$$\Delta = 16$$

$$m = \frac{1 \pm 2}{1}$$

$$m = \frac{1}{1} = 1$$

$$m > 0$$

$$m = \frac{-1 \pm 2}{1} = -1 \text{ or } 1$$

$$\frac{4}{m} = \frac{4}{1} = 4$$

DATE

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Subject:

$$a^r = a\beta$$

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$$a^r = \gamma a - 1$$

$$a^r - \gamma a + 1 = 0 \rightarrow (a-1)^r = 0$$

$$a = 1$$

$$a=1 \rightarrow x^r + \epsilon x + 1 = 0$$

$$\Delta > 0 \rightarrow 1\epsilon - \epsilon = 1\epsilon \checkmark$$

DATE

$$\Delta m \alpha$$

$$- m \alpha$$

$$m \alpha$$

$$b^r$$

$$m^r +$$

$$x^r = t \quad t^r - Vt - \Delta = 0$$

$$t = \frac{V \pm \sqrt{V^2 - 4\Delta}}{2} = \frac{V \pm \sqrt{4\Delta}}{2}$$

$$x = \frac{t \pm \sqrt{t^2 - 4\Delta}}{2} \rightarrow S=0, P = \frac{-V + \sqrt{4\Delta}}{2}$$

$$V P^r - V S P + V S = V \left(\frac{-V + \sqrt{4\Delta}}{2} \right)^r = \frac{4\Delta + V\sqrt{4\Delta}}{2}$$

$$\frac{-b}{Pa} = \frac{F}{PK}$$

$$\frac{-\Delta}{Fa} = \frac{-14 - PK}{FK} = \frac{-F - 4K}{K}$$

$$\frac{-F - 4K}{K} = -E \left(\frac{P}{K} \right) - E$$

$$-F - 4K = -1 - EK \rightarrow -F - 4K = -1 - EK$$

$$E = PK \rightarrow K = P$$

$$V_j^r = \frac{-E - 4(P)}{P} = \frac{-E - 4P}{P} = \frac{-14}{P} = -1$$

$$m x^2 + m x + 1 = -m - x \rightarrow$$

$\Delta < 0$

$$-m x^2 + (m+1)x + (m+1) = 0$$

$$m x^2 - (m+1)x - (m+1) = 0 \rightarrow \Delta < 0$$

$$b^2 - 4ac \Rightarrow (m+1)^2 - 4(-m)(m+1)$$

$$m^2 + 1 + 2m + 4m^2 + 4m < 0 \rightarrow 5m^2 + 5m + 1 < 0$$

$$\rightarrow m^2 + 5m + 1 < 0 \rightarrow (m+1)\left(m+\frac{1}{5}\right) < 0$$

$$\left(-1, -\frac{1}{5}\right)$$

$$\begin{array}{c|cc} & -1 & -\frac{1}{5} \\ \hline & + & - \\ \hline & - & + \end{array}$$

مخرج عددی
" این بازه است "