

آنیسا رسی

نام و نام خانوادگی

پاسخنامه تشریحی تکلیف شماره ۱۱/۷۵

خواص و متب نویسی

نقطه استرس
۱۷۵

(-۳۴, -۳۱)

$$\frac{-9}{2 \times 1} = -\frac{9}{2}$$

$$y = x^2 + 4x + 5 \rightarrow$$

$$\frac{4x + 5 - 34}{2x + 1} = -\frac{31}{2}$$

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

(h, k)

$$-\frac{\Delta}{4a}$$

$$y_{\text{ext}} = -\frac{\Delta}{4a} = -\frac{-(34-2)}{4} = -2$$



(۲, -۱۴)

۱۷۵

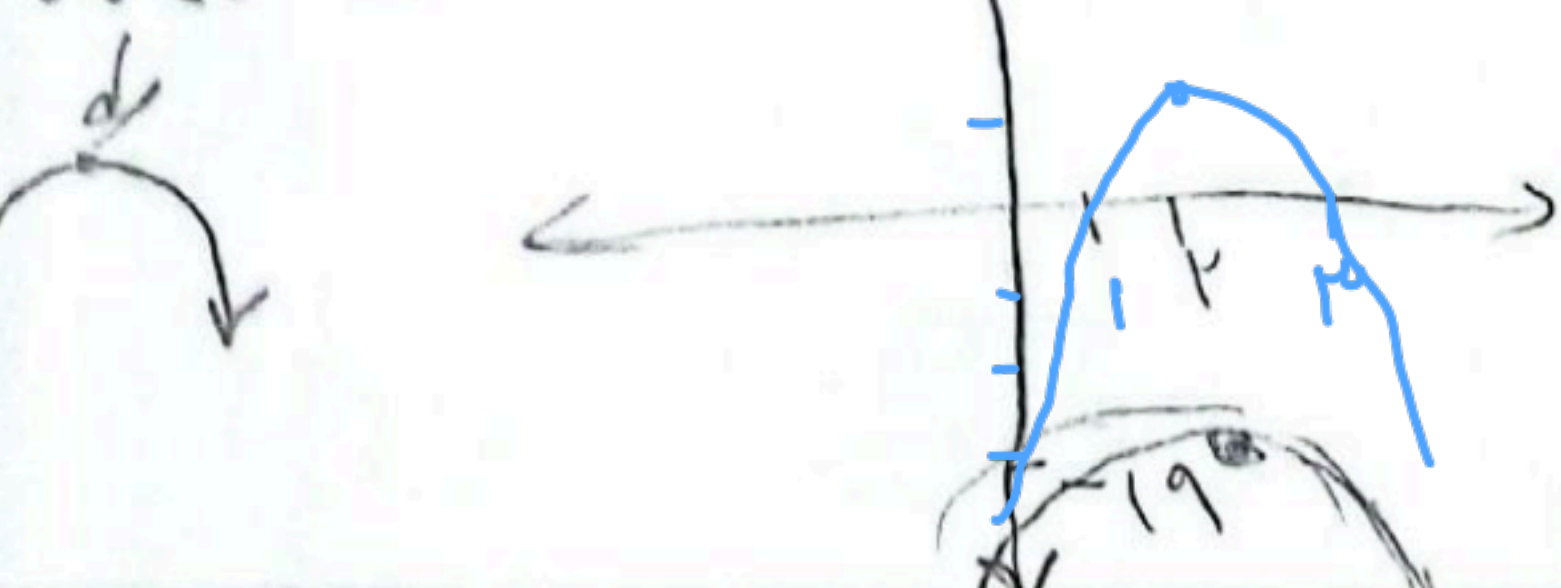
$$-\frac{\Delta}{4a} = -\frac{-(14-12)}{-4} = 1$$

$$\frac{4x - 14}{2x - 1} = -14$$

طول از سوراخ به دست

$$y = -x^2 + 4x - 19$$

a < 0



$$2x^2 - 3x + a = 0$$

$$9 - 4x^2y + a \geq 1$$

$$9 - 4x^2y + a \geq 0 \rightarrow \frac{-b}{2a}$$

$$9 - 4x^2y + a = 0$$

الف) $a = 1$
ب) $a = +\frac{9}{4}$
ج) $a = 2$
د) $a = 1$

دست قابل

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$$x^2 - 2x - 1 \geq 0 \rightarrow x^2 - 2x + 1 + 1$$

$$x_{1,2} = \frac{1 \pm \sqrt{5}}{2}$$

$$x^2 - x - 1 \geq 0 \rightarrow x^2 - x + 1$$

$$x^2 - 4x - 1 \geq 0$$

$$x^2 - 4x - 1 \geq 0 \rightarrow \frac{4 \pm \sqrt{16+4}}{2}$$

$$x^2 + x - 4 \geq 0$$

$$x^2 + x - 4 \geq 0 \rightarrow \frac{-1 \pm \sqrt{1+16}}{2}$$

$$\frac{1 \pm \sqrt{17}}{2}$$

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$\frac{1}{2} \times 100 = 50$

$$2^{\frac{1}{2}} + 1^{\frac{1}{2}} \phi L = 1 \Delta L \quad (\phi L + V) (\phi L - 1) = 0$$

$$\phi L = 1 \quad \text{or} \quad \phi L = -1$$

$\frac{1}{\omega} \frac{d\omega}{dt} = \frac{1}{V} \frac{dV}{dt} \rightarrow \frac{d\omega}{\omega} = \frac{dV}{V} \rightarrow \omega \propto V$

$$\frac{1}{2} \frac{d}{dt} (v^2) = \frac{1}{2} \frac{d}{dt} (v_x^2 + v_y^2 + v_z^2)$$

$$(V_2 - V)(V_2 - V) = 0$$

$$V_2 - V = 0 \rightarrow V_2 = V$$

$$N(\gamma)u^r = \omega x_1(r)c$$

$$0 \quad 1 \quad 0 \quad 2 \quad 0$$

$$Y = 0 + 1 \cdot 2 = 2 \rightarrow 2, 2 \quad \checkmark$$

$$x^2 + y^2 + z^2 = 0$$

$$x^2 + y^2 + z^2 = 0$$

$\frac{r_0}{\epsilon} + \frac{\rho_L}{2l} + r_{2c}$

$$\Delta = 18 - 1 \times 2 = 16$$

$20^1 - 1^1 20 - 1^1 20 \rightarrow 2 \text{ } 1 \text{ } 1$
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$$\left(\frac{V}{\omega} \right) + \left(\frac{q}{\gamma} \right) = \frac{V_1 q_1 \Delta x_1}{x_1 V_1 \omega_1 x_1} + \frac{q_2 \Delta x_2}{V_2 q_2 x_2} = 1 + \frac{q_2}{q_1} \quad \checkmark$$

$$\left(\frac{q}{r}\right) - \left(\frac{\Lambda}{r}\right) = \frac{q \times \Lambda \times r}{q \times r - \Lambda \times r} - \frac{\Lambda \times V \times r}{q \times r - \Lambda \times r} = 1 \text{ eV} - \Lambda = 0$$

~~$$\binom{a}{b} = \frac{a!}{(a-b)! \times b!}$$~~