

$$\alpha \beta^r, f \rightarrow (\alpha \beta) \beta = \varepsilon \quad p = \frac{c}{a} = v \rightarrow v \beta = \varepsilon \rightarrow \beta = \frac{v}{v}$$

$$\alpha \cdot \beta, v \rightarrow \alpha \times \frac{\varepsilon}{v} = v \rightarrow \alpha = \frac{4}{\varepsilon}$$

$$\rightarrow f: \frac{m}{1} = m = \frac{8}{v} + \frac{9}{\varepsilon} = \frac{14 + 4v}{1v} = \frac{4v}{1v}$$

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$$\alpha, v \alpha \rightarrow f: \frac{-b}{a} = \frac{f}{1} = v, \quad f = v \alpha + \alpha = \varepsilon \alpha$$

$$\Rightarrow f \alpha = \varepsilon \rightarrow \alpha = 1 \rightarrow p, \frac{m}{1} = m = v \times 1 = v \Rightarrow \boxed{m = v}$$

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$$p: \frac{c}{a} = v \quad p: \alpha \cdot \beta \rightarrow \alpha \cdot \beta = v \xrightarrow{v} \alpha^v \cdot \beta^v = \wedge$$

$$\alpha^v + \frac{\wedge}{\alpha^v} \xrightarrow{\frac{\wedge}{\alpha^v} = \beta^v} \alpha^v + \beta^v = f^v = v f p \rightarrow \beta^v = \frac{\wedge}{\alpha^v}$$

$$f: \frac{-b}{a} = \frac{v}{1} = v, \quad p = v$$

$$\Rightarrow \alpha^v + \beta^v = (v)^v - v(v)(v) = v^4 v - 4v = v \cdot 1$$

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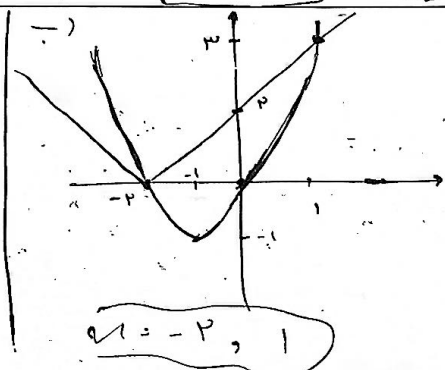
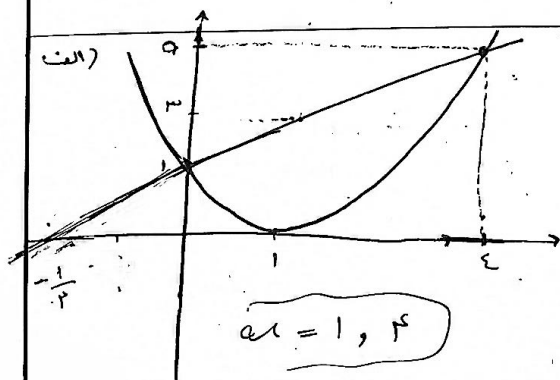
$$Part / \frac{-b}{va} = \frac{-\omega_0}{-v_0} = \frac{\omega}{v}$$

$$-1 \cdot \left(\frac{\omega}{v}\right)^r + \omega \cdot \left(\frac{\omega}{v}\right) = -4v, \omega + 12\omega = 4v, \omega$$

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$$-1 \cdot z^r + \omega \cdot z = 0 \rightarrow -1 \cdot z(z - \omega) = 0 \quad z = 0 \quad \text{موقع برعاب}$$

$$\boxed{\sqrt{z = \omega}} \quad \text{برخورد به زمین}$$



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