

تلفات سازه ۶

$$1) \quad y = \frac{1}{x^2 - 2x} \Rightarrow y = \frac{1}{x^2 - 2x} \Rightarrow y = \frac{1}{x(x-2)}$$

$$R_F = R$$

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۲)

$$y = -x^2 + 6x + 17 \Rightarrow y = -x^2 + 6x + 17 \Rightarrow y = -x^2 + 6x + 17$$

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$$y = \sqrt{x^2 - 4x - 3} \Rightarrow y = \sqrt{x^2 - 4x - 3} \Rightarrow y = \sqrt{x^2 - 4x - 3}$$

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۳) ۱) $y = x^4 - 4x^2 + 17x + 2 \Rightarrow y = x^4 - 4x^2 + 17x + 2$

بزرگترین توان مزد است $R_F = R$

۲) $y = \sqrt{x^4 - 4x^2 + 5x + 1} \Rightarrow y = \sqrt{x^4 - 4x^2 + 5x + 1}$

زیر رادیکال پس اعداد میگیریم $R_F = R$

۴) $y = \frac{x^2 + 1}{x - 2} \Rightarrow y = \frac{x^2 + 1}{x - 2} \Rightarrow y = \frac{x^2 + 1}{x - 2}$

۱) $R_F = R - \left\{ \frac{1}{a} \right\} \Rightarrow R_F = R - \{1\}$

۲) $y = \frac{x^2 + 1}{x + 1} \Rightarrow y = \frac{x^2 + 1}{x + 1} \Rightarrow y = \frac{x^2 + 1}{x + 1}$

۱) $R_F = R - \left\{ \frac{1}{a} \right\} \Rightarrow R_F = R - \{1\}$

۵) $y = \sqrt{\frac{x^2 + 1}{x + 1}} \Rightarrow y = \sqrt{\frac{x^2 + 1}{x + 1}} \Rightarrow y = \sqrt{\frac{x^2 + 1}{x + 1}}$

۱) $R_F = [0, +\infty) - \left\{ \frac{1}{a} \right\} \Rightarrow R_F = [0, +\infty) - \{1\}$

۶) $y = \sqrt{\frac{x^2 + 1}{x - 2}} \Rightarrow y = \sqrt{\frac{x^2 + 1}{x - 2}} \Rightarrow y = \sqrt{\frac{x^2 + 1}{x - 2}}$

۱) $R_F = [0, +\infty) \Rightarrow R_F = [0, +\infty)$

(—)

15.

$$y = \sin x + \frac{1}{\sin x}$$

(الف)

هم بزرگرم / پدرم / منم / زاده ماهی

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$$y, \frac{\sqrt[n]{x^r+1}}{\sqrt[n]{x}} = \sqrt[n]{x} + \frac{1}{\sqrt[n]{x}}$$

$$R_F = (-\infty, -1] \cup [1, +\infty)$$

$$G \propto \frac{1}{r^2} \Rightarrow G \propto \frac{1}{r^2} - \frac{1}{r^2}$$

$$f = n^{\mu_+ \mu_-} \frac{1}{n^{\mu_+ \mu_-}} \rightsquigarrow R_f = \left[\frac{1}{\mu_-}, +\infty \right) \rightarrow \left[\frac{1}{\mu_-}, +\infty \right)$$

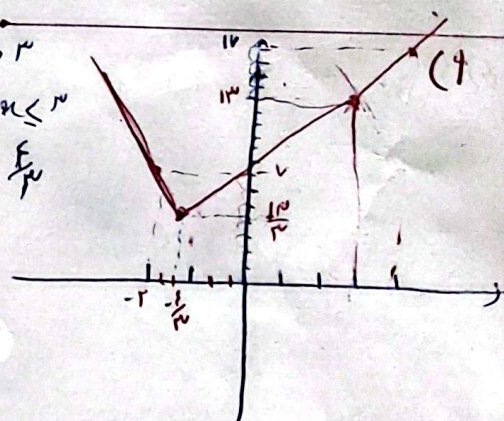
$$\rightarrow \theta_s + \nu_s) R_{F,s} \left(\frac{1}{\nu_s} - \nu_{s \rightarrow \infty} \right) (\omega_s - 1)$$

$$\frac{v \sqrt{n_f + d}}{\sqrt{n_f + f}} = \frac{n_f + f}{\sqrt{n_f + f}} + \frac{1}{\sqrt{n_f + f}} = \sqrt{n_f + f} + \frac{1}{\sqrt{n_f + f}}$$

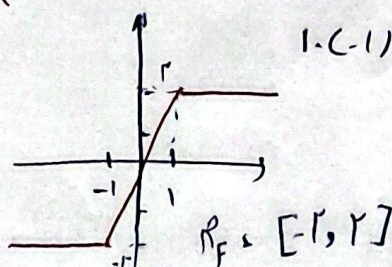
$$\Rightarrow R_F \propto \left[\frac{d}{r} \right] + \infty$$

$$\begin{cases} x - \mu + \mu x + f & x > \mu \\ -x + \mu + \mu x + f & -\frac{f}{\mu} \leq x \leq \mu \\ -x + \mu - \mu x - f & x < -\frac{f}{\mu} \end{cases}$$

$$2) \quad \begin{cases} f_{n+1} & n \geq \mu \\ f_{n+\nu} & -\frac{f}{\mu} \leq n \leq \mu \\ -f_{n-1} & n \leq -\frac{f}{\mu} \end{cases}$$



$$y > |r_n - r| - |n+1|^{-1}$$



$y_s | x-r | + | x+r |$

۲. (-1) و ۳

$$R_E: [\Gamma; \infty)$$