

19,50

یارم دختر

مراتب آقای

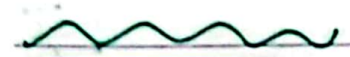
تلفن شماره ۵

1.

$$x^p \left(\left(\frac{1}{p} \right)^{x-1} - 1 \right) \gg 0 \rightarrow \frac{1}{-\phi + \phi -}$$

$$Df = [0, 1]$$

5



$$\sqrt{-x + 1} \rightarrow -x + 1 \rightarrow x < 1 \rightarrow -x + 1 \geq 0 \rightarrow -x \geq -1 \rightarrow x \leq 1 \rightarrow Df = (-\infty, 1]$$

$$-x + x - p \rightarrow x \geq p \rightarrow \text{عقود} \rightarrow Df = (-\infty, 1]$$

5



$$\begin{array}{c} -\infty \quad -p \quad 1 \quad p \quad \infty \\ \hline -\phi + \phi - \phi + \phi \end{array}$$

$$(-p, 1] \cup (p, \infty)$$

3.

5

s.a.m

$$cxb = -\mu \rightarrow c = 1, b = -\mu$$

$$(10x^P + ax + b)(10x^P + b'x + c) = 9x^P - 10x^P - 1x - \mu$$

$\Delta \langle \cdot \rightarrow c \rangle \cdot \rightarrow \mu \langle c \rangle \cdot$

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پولینوم/گزارش

پولینوم $10x^P$

1, 10

$$(10x^P + ax - \mu)(10x^P + b'x + 1) = 9x^P + 10bx^P + 10ax^P + ax + abx^P - 9x^P$$

$$-10bx - \mu = 9x^P - 10x^P - 1x - \mu$$

$$10bx^P = -10ax^P \rightarrow a = -b \rightarrow a = -1, b = 1$$

$$-9x^P + abx^P = -10x^P \rightarrow ab = -1$$

$$-10bx + ax = -1 \rightarrow a = -1, b = 1$$

$$\sqrt{-(a+b)} = \sqrt{-(-1+1)} = \sqrt{0} = 0 \quad \sqrt{-(a+b)} = 1$$

$$(x^P - \frac{10}{x^P}) + (x - \frac{1}{x}) \gg \cdot \rightarrow (x - \frac{1}{x})(x^P + \frac{10}{x^P} + 1) \gg \cdot \rightarrow (x^P - 1)(x^P + 10x^P + 1)$$

$$(x - \frac{1}{x})(x^P + \frac{10}{x^P} + 1)$$

$$\begin{array}{c} -1 \quad 1 \\ + \quad - \quad + \end{array}$$

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

$$\Delta \langle \cdot \rightarrow 10 \rangle \cdot$$

$$x^P + x = 1 \rightarrow x = 1 \rightarrow f(1) = 1$$

$$x^P + x = 1 \rightarrow x = 1 \rightarrow f(1) = 1 \quad \left\{ \begin{array}{l} \text{---} \end{array} \right\} \Delta$$

5.6

$$x^P - 9x^P + 10x - 1 + 1 \rightarrow (x - 1)^P + 1 \rightarrow (\sqrt{P} + \frac{1}{\sqrt{P}})^P + 1 = 1$$

$$x^P + 9x^P + 10x - 10x + 10x - 10x \rightarrow (x + 10)^P - 10x \rightarrow (\sqrt{10} - 10 + 10)^P - 10x = -10x$$

5.7

$$\frac{10}{1} = -10$$

$$\frac{x+1}{x^P - 10x + 10} \rightarrow x \neq 10, x \neq 1 \rightarrow (10, -\frac{1}{10})(\cdot, 10)$$

9

5

sam

$$\frac{10}{\dots + 10} = \frac{10}{10} \quad \frac{10}{10 - 10 + 10} = -10$$

$$\text{الف) } p x = 1 \rightarrow x = \frac{1}{p}$$

.10

$$p x = p \rightarrow \frac{p}{p} = x$$

$$p x = p \rightarrow x = p \rightarrow f(x) = \left\{ \left(-\frac{1}{p}, 9 \right), \left(\frac{1}{p}, p \right), \left(\frac{p}{p}, -1 \right), (p, p) \right\}$$

$$p x = -1 \rightarrow x = -\frac{1}{p}$$



$$\text{ب) } x^p = 1 \rightarrow x = \pm 1$$

$$x^p = p \rightarrow x = \pm \sqrt[p]{p}$$

$$x^p = -1 \rightarrow \text{قوة غير زوجية}$$

$$x^p = p \rightarrow x = \pm p$$

$$\rightarrow f(x^p) = \left\{ (\pm \sqrt[p]{p}, -1), (\pm p, p), (\pm 1, p) \right\}$$

$$\text{ج) } p g^p(x) + 1 = \left\{ (-p, 9), (1, p), (p, 19), (-1, 1) \right\}$$

$$\text{د) } \left\{ (1, -p), (p, -1) \right\}$$

Subject:

Date:

$$\sqrt{x-k}\sqrt{x-k} + \sqrt{x+k}\sqrt{x-k} = A \rightarrow x - \cancel{k}\sqrt{x-k} + x + \cancel{k}\sqrt{x-k} = A \quad .8$$

$$P \sqrt{(x-k)\sqrt{x-k}}(x+k\sqrt{x-k}) \rightarrow Px - 19 + Px = Px - 19 = A^P \rightarrow \sqrt{kx - 19} = \sqrt{A^P}$$

$$x^P - (k\sqrt{x-k})^P \rightarrow x^P - 19x + 9k = \sqrt{(x-k)^P} \Rightarrow Px - 19$$

$$19(x-k) \rightarrow 19x - 9k$$

$$P\sqrt{x-k} = A$$

$$c = -k, b = P, a = .$$

$$\frac{. + P}{-k} = \left(-\frac{1}{P} \right)$$

$$\frac{(a^r - r)(a^r + a^r + 14)}{a^r} \gamma. \quad Df = [-r, \cdot) \cup [r, \infty)$$

(a)

$$\frac{-\frac{1}{2} \quad \cdot \quad \frac{1}{2}}{-\frac{1}{2} + \frac{1}{2} \quad -\frac{1}{2} + \frac{1}{2}}$$