

$$\lim_{x \rightarrow 1} \frac{\varepsilon x^2 - 7x + 3}{\omega x^2 - 1x + 3} \xrightarrow{h.o.P} \frac{1x - 7}{1x - 1} \xrightarrow{x=1} \frac{1}{2}$$

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$$\lim_{x \rightarrow 0} \frac{|3x-1| - |x+1|}{x}$$

تکلیف تمام حلقه \Rightarrow

$$\frac{-3x+1 - 3x-1}{x} = \frac{-6x}{x} = -6$$

شماره مثبت $x \rightarrow 0 = \frac{-1}{3}$

شماره منفی $x \rightarrow 0 = \frac{1}{3}$

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$$\lim_{x \rightarrow 4} \frac{x-\varepsilon}{\sqrt{x}-2} \times \frac{1}{1} \rightarrow \frac{\varepsilon}{\sqrt{x}+2} = \frac{x/\varepsilon}{x/\varepsilon} \times \varepsilon = \varepsilon$$

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$$\lim_{x \rightarrow 2} \frac{x - \sqrt{2x}}{2x^2 - x - 6} \xrightarrow{h.o.P} \frac{1 - \frac{\sqrt{2}}{\sqrt{2x}}}{\varepsilon x - 1} \xrightarrow{x=2} \frac{\frac{1}{\sqrt{2}}}{\frac{\sqrt{2}}{1}} = \frac{1}{2}$$

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$$\lim \frac{1 - \sqrt{x}}{2 - \sqrt{4-x}} \times \frac{1}{1} = \frac{1-x}{\varepsilon - \omega + x} \times \frac{\varepsilon}{\gamma} = -2$$

$-(1-x)$

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