

$$f(a) = \sqrt{a} + \sqrt{a}, f(-1) = \sqrt{a} - \varepsilon$$

$$\hookrightarrow \sqrt{(\sqrt{a} + \sqrt{a})} = \sqrt{a} + \varepsilon + a \Rightarrow 10a = -11 \Rightarrow \boxed{a = -1, 1 = -\frac{9}{a}}$$

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~~$$\frac{1}{\sqrt{1-\sqrt{3}}} + \frac{1}{\sqrt{1+\sqrt{3}}} + 1+1 = \frac{1(1-\sqrt{3})}{\sqrt{1-\sqrt{3}}} + \frac{1(1+\sqrt{3})}{\sqrt{1+\sqrt{3}}} + \varepsilon = \frac{\varepsilon\sqrt{4} + 1\sqrt{4}}{\varepsilon} = \frac{12\sqrt{4}}{\varepsilon} + \varepsilon =$$~~

فاصل نوشته شود

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$$\frac{1-\sqrt{3}}{\sqrt{1-\sqrt{3}}} + \frac{1+\sqrt{3}}{\sqrt{1+\sqrt{3}}} + 1+1 = \frac{1(1-\sqrt{3})}{\sqrt{1-\sqrt{3}}} + \frac{1(1+\sqrt{3})}{\sqrt{1+\sqrt{3}}} + \varepsilon = \frac{\varepsilon\sqrt{4} + 1\sqrt{4}}{\varepsilon} = \frac{12\sqrt{4}}{\varepsilon} + \varepsilon =$$

$$1(\sqrt{1-\sqrt{3}} + \sqrt{1+\sqrt{3}}) + \varepsilon \quad A^2 = 4 \rightarrow A = \sqrt{4}$$

$$\boxed{\text{جواب} = 3\sqrt{4} + \varepsilon}$$

$$\begin{aligned} 1f(x) - 1f(-x) &= \varepsilon x^2 - x \xrightarrow{\times 1} \begin{cases} 4f(-x) - 9f(x) = 11x^2 + 11x \\ -4f(-x) + \varepsilon f(x) = 11x^2 - 11x \end{cases} \\ -1f(x) + 1f(-x) &= \varepsilon x^2 + x \xrightarrow{\times 1} \end{aligned}$$

$$\Rightarrow -4f(x) = 10x^2 + x$$

$$f(x) = \frac{10x^2 + x}{-4}$$

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$$\begin{aligned} x=0 &\Rightarrow 1f(0) = 1m-1 \Rightarrow f(0) = \frac{1m-1}{1} \\ x=-1 &\Rightarrow 4f(0) = 1a+1m \Rightarrow f(0) = \frac{1a+1m}{4} \end{aligned}$$

$$\begin{aligned} \frac{1a+1m}{4} &= \frac{1m-1}{1} \Rightarrow 1a+1m = 1m-1 \\ \hookrightarrow 1a &= -1 \\ \hookrightarrow \boxed{m = \varepsilon, 1a} \end{aligned}$$

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$$f(0) = \frac{1a}{\varepsilon} = 4, 1a$$

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$$1f(-1) = \frac{1x^2 - 11x + 11}{1} \Rightarrow f(-1) = \frac{1x^2 - 11x + 11}{1x} \Rightarrow \frac{1+11+11}{-1} = \boxed{-9}$$

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