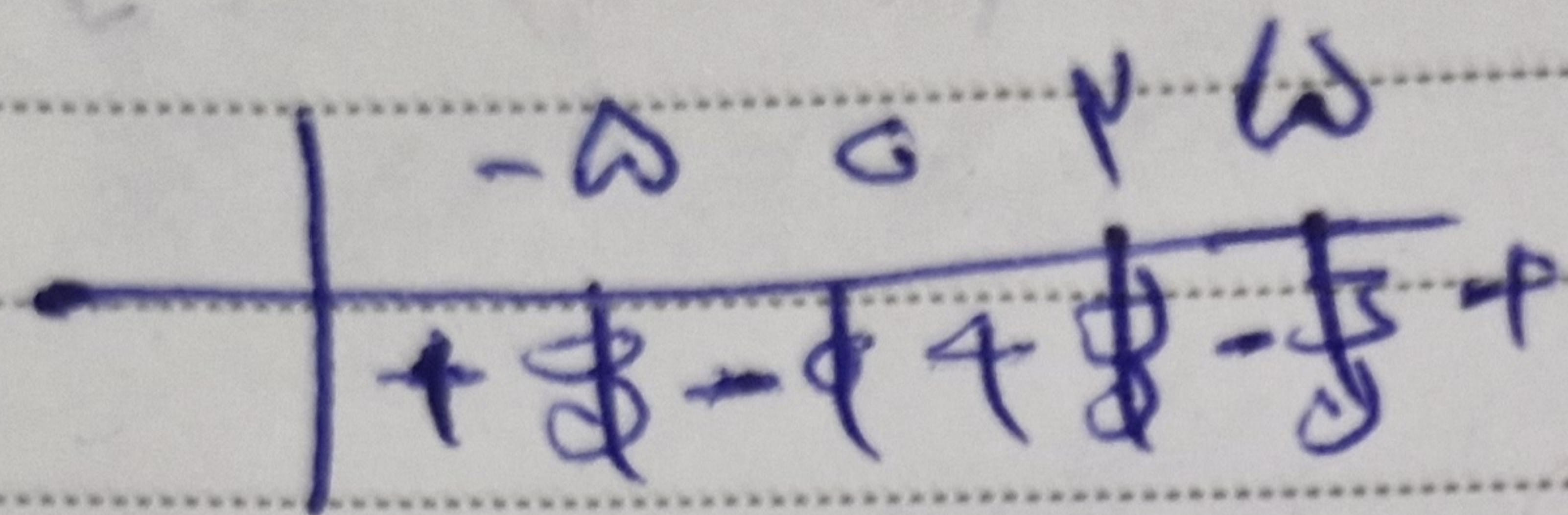




ସମାପ୍ତି ①

$$Q_f = (-\infty, -\infty) \cup [0, 1) \cup (\infty, +\infty)$$

$$1 - \frac{2}{f(x)} > 0$$

$$1 - \frac{3}{f(x)} + \frac{2}{f(x)} - \frac{1}{f(x)}$$

$$-2, -1, 1 \rightarrow \text{مجموع}$$

$$f(x) - 2f(x) = 4 - 4 + \varepsilon$$

$$-f(x) = 4$$

$$f(x) = -4$$

$$f(x) = \varepsilon + 4 + \varepsilon + \cancel{2f(x)}$$

$$f(x) = 10$$

$$f(x) = 5 - \sqrt{5 + \varepsilon} = 4$$

$$f(x) = 4 + 3 = 7$$

$$f(1) = 4 + 3 = 7$$

$$f(5) = 4$$

$$f(f(5)) + f(f(1)) = 7 + 2 = 9$$

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$$-am^2 + bm + 1 + a - 1am$$

$$-bm + b + 1 = b + a - 1am = 1m + 1$$

$$a = -1$$

$$b = 1$$

$$a - b = -1 - 1 = -2$$

②

$$\mu + K - K\sqrt{\mu} + K\sqrt{\mu} - \Lambda + \Delta$$

$$\mu + \varepsilon - \varepsilon\sqrt{\mu} + \varepsilon\sqrt{\mu} - \Lambda + V =$$

$$\frac{\mu + \varepsilon - \Lambda + \Delta}{\mu + \varepsilon - \Lambda + V} = \frac{\mu}{\mu} = 1 = f(\sqrt{\mu})$$

$$\mu + \varepsilon - \Lambda + V$$

$$f\left(m = \frac{1}{n}\right) = \frac{n^{\varepsilon} - 1}{n^{\varepsilon}} = n^{\varepsilon} + \frac{1}{n^{\varepsilon}} \quad \textcircled{v}$$

$$\left(m - \frac{1}{n}\right)^{\varepsilon} \approx n^{\varepsilon} + \frac{1}{n^{\varepsilon}} - \varepsilon \rightsquigarrow$$

$$f\left(m - \frac{1}{n}\right) \approx \left(m - \frac{1}{n}\right)^{\varepsilon} + \varepsilon$$

$$f(-\varepsilon) = (-\varepsilon)^{\varepsilon} + \varepsilon = \underline{H}$$

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$$4 - m^2 > 0$$

$$-3 \leq m \leq 3 \quad g(m)$$

$$2, 1, 0, \dots \quad f(m)$$

~~$$\{ (0, \frac{2}{\sqrt{9}}), (1, \frac{4}{\sqrt{8}}), (2, 0) \}$$~~

$$\text{الف) } \frac{f}{g} = \left\{ \left(0, \frac{2}{\sqrt{9}}\right), \left(1, \frac{4}{\sqrt{8}}\right), (2, 0) \right\}$$

$$\text{ب) } \frac{g}{f} = \left\{ \left(0, \frac{3}{2}\right), \left(1, \frac{\sqrt{8}}{-4}\right), \left(2, \frac{\sqrt{8}}{0}\right) \right\}$$

$$\text{الف) } \left\{ (2, 2), (3, 8), (-5, 8), (1, -4) \right\} \quad ⑨$$

$$\text{ب) } \left\{ (2, 2), (3, 5), (-5, 3), (1, -1) \right\}$$

$$\text{ج) } \left\{ (2, 4), (3, 49), (-5, 13), (1, 13) \right\}$$

$$d) f(m) = \left\{ (1, 1), \left(\frac{3}{2}, 4\right), \left(-\frac{5}{2}, 2\right), \left(\frac{1}{2}, -2\right) \right\}$$

$$f(m) = \{ (2, 3), (1, 4), (3, 1) \}$$

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$$g(m) = \{ (2, 1), (1, 0), (3, -1) \}$$

$$الف) \{ (2, 2), (1, 4), (3, 2) \}$$

$$ب) \{ (2, 4), (1, \frac{1}{2}) (3, -2) \}$$