

$$\log(x) = \log(x) + \log(x) \rightarrow \log(x) = \log(x) + \log(x)$$

$$x-1 > 0 \rightarrow x > 1 \rightarrow \log(x-1) > 0 \rightarrow x-1 > 1 \rightarrow x > 2 \rightarrow (1, 2) \cup (2, \infty)$$

$$-x^2 + 4x - 4 > 0 \rightarrow (x-2)^2 < 0 \rightarrow Dg = \{x\}$$

$$\sqrt{\log \frac{x-1}{x}} = x \rightarrow x = 1 \rightarrow (1, 2) \cap \{1\} = \{1\}$$

$$x^2 - 4x + 14 = (x-2)^2 - 4x - 14 + 14$$

$$x^2 - 4x + 14 = x^2 + 4x - 4x - 14 - 14$$

$$x^2 - 4x + 14 = x^2 - 4x + 14$$

$$0 = x^2 - 4x + 14$$

$$\frac{x_0 \pm \sqrt{10x}}{x} \rightarrow \left(\frac{x_0 - \sqrt{10x}}{x} \right)^2 + \left(\frac{x_0 + \sqrt{10x}}{x} \right)^2 = \frac{4}{x}$$

$$x = t \rightarrow x = \frac{1}{t}$$

$$\omega \left(\frac{1}{t} \right)^2 + 11 \rightarrow \frac{\omega t^2}{x} + 11 \rightarrow g(x) = \frac{\omega x^2 - 10 \omega x^2 \omega}{x} + 11$$

$$\min(g(x)) = \frac{0}{x} + 11 = 11$$

$$g(x) = x^2 - 4x - 1 \rightarrow g = (x-1)^2 \rightarrow (x^2 - 2x + 1) - 1 = x^2 - 2x$$

$$f(g(x)) = -x + 2 \rightarrow f(x) = -x + 2$$

$$f(g(x)) = -x + 2 \rightarrow f(x) = -x + 2$$

$$x^2 - 4x - 1 = -x + 2 \rightarrow g(x) = x - 1$$

$$\log g(x) = \log(x-1) \rightarrow x = 0, y = x$$

$$y = 0 \rightarrow \log(x-1) = -1 \rightarrow x = \frac{1}{e} = a = a = \frac{1}{e}$$

Arman

$$g \circ f = \log \circ \log^{\frac{1}{\mu}} = \log^{\frac{1}{\mu}}$$

$$\log = \log^{\frac{1}{\mu}} = \log^{\frac{1}{\mu}}$$

$$n^2 \leq 2m \rightarrow \vec{u}(\vec{n}, \vec{r}) \leq 0$$

$$+ \frac{0}{\bar{c}} = \frac{0}{\bar{c}} + \frac{2}{\bar{c}} \log \frac{1}{\bar{c}}$$

$$f(n - \frac{1}{2}) \xrightarrow{\text{Omitting}}, (n - \frac{1}{2})^2 + (n - \frac{1}{2})$$

$$f(n) = n^2 + n$$

$$f \circ g = \log \circ \log^{\frac{1}{\mu}} + \log^{\frac{1}{\mu}}$$

$$Dg = IR \quad / \quad Rf = (0, \infty)$$

$$n - n^2 > 0 \rightarrow \frac{0}{\bar{c}} = \frac{1}{\bar{c}} + \frac{1}{\bar{c}}$$

$$Df \circ g = \log^{\frac{1}{\mu}} \rightarrow A$$

$$Rf \circ g \rightarrow n = \max \rightarrow f$$

$$y_5 = 14 \rightarrow \log^{\frac{1}{\mu}} = f \rightarrow [-\infty, \infty] \rightarrow B$$

~~AB~~

$$A \cap B \rightarrow \text{مجموعه}$$

$$f(n) = 1 - n^2$$

$$\log \rightarrow n^2 - 1 - n^2 + 2n - 1$$

$$\log = f$$

$$n^2 - 1 - n^2 + 2n - 1 = 2n - 2$$

$$\rightarrow n^2 + 2n - 1 = 0 \rightarrow n^2 = -2n + 1$$

$$\rightarrow \frac{1}{\bar{c}} = \frac{1}{\bar{c}} + \frac{1}{\bar{c}}$$

مجموعه

$$g \circ f = \log \circ \log^{\frac{1}{\mu}} = \log^{\frac{1}{\mu}}$$

$$\frac{n^2 - 1}{n} = \mu \rightarrow (n+1)(n-1) = 0$$

$$f(1) \rightarrow g(\mu) \rightarrow a - 1 - 1 \rightarrow a = -1$$

$$f(\epsilon) \rightarrow g(\mu) \rightarrow 4\epsilon + 1 - 1 \rightarrow a = 0$$

Arman