

آرین سفارشی در میان B

$$\sqrt{x f(x)} \Rightarrow x f(x), \dots \left\{ \begin{array}{l} x = 0 \\ f(x) = 0 \Rightarrow x = -\omega, \omega, 2 \end{array} \right\} \Rightarrow f: [-\omega, 0] \cup [2, \omega]$$

$$-\frac{b}{a} + \frac{b}{a} - \frac{b}{a} + \frac{b}{a}$$

$$\sqrt{\frac{-x}{f(x)}} \Rightarrow \frac{-x}{f(x)} \geq 0$$

$$\frac{-x}{-x^2 + x^2 + x^2 - x^2 + \dots}$$

$$D_f = (-3, 0) \cup (0, 2) \cup (2, +\infty)$$

برابر

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

$$\Rightarrow f(-2) + 4 = 4 + 4 \Rightarrow \boxed{f(-2) = 10}$$

$$\left. \begin{array}{l} f(f(1)) \Rightarrow f(1) = \omega \Rightarrow f(\omega) = 2 = f(f(1)) \\ f(f(\omega)) \Rightarrow f(\omega) = 2 \Rightarrow f(2) = 4 = f(f(\omega)) \end{array} \right\} \Rightarrow \boxed{4 + 2 = 6}$$

$$f(f_0) - f_0 = 1$$

$$f_0 = 2$$

$$\Rightarrow f_1 = -4 = a - b + 1 \Rightarrow \boxed{-1 = a - b} \quad \left\{ \begin{array}{l} f(\sqrt{2}, 2) = 2 - \sqrt{2} + 2 + \sqrt{2} - 1 + \omega = \frac{f}{4} = \frac{2}{3} \\ 2 - \sqrt{2} + 2 + \sqrt{2} - 1 + \omega \end{array} \right.$$

$$n - \frac{1}{n} = -2 \Rightarrow n^2 + 2n - 1 \Rightarrow n \left\{ \begin{array}{l} \frac{-2 + \sqrt{4 + 4}}{2} \\ \frac{-2 - \sqrt{4 + 4}}{2} \end{array} \right\} \Rightarrow f(-2) = f(n - \frac{1}{n}) = 2^2 + \frac{1}{n^2}$$

$$n - \frac{1}{n} = -2 \Rightarrow (n - \frac{1}{n})^2 = 4 \Rightarrow 2^2 + \frac{1}{n^2} = 4 \Rightarrow \boxed{2^2 + \frac{1}{n^2} = 4 \Rightarrow f(-2)}$$

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

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

$$1) f(n) = \{(2, 2), (3, 8), (-5, 4), (1, -4)\}$$

-(9)

$$2) f(n) + 1 = \{(2, 2), (3, 5), (-5, 3), (1, -1)\}$$

$$3) 2f(n) + 1 = \{(2, 4), (3, 9), (-5, 13), (1, 13)\}$$

$$4) f(n) = \{(2, \frac{1}{2}), (3, 2), (-5, 1), (1, -1)\}$$

$$الف) f \cdot g = \{(2, 2), (1, 4), (3, 2), (5, 2), (5, 2)\}$$

(10)

$$ب) \frac{2f}{g} = \{(2, \frac{4}{1}), (\cancel{1, \frac{4}{-1}}), (3, \frac{2}{-1})\}$$