

ب. ارسطو صلیف کمار؟ ✓ کلا سے دھم دھم

$$\begin{array}{c} \omega \\ -\omega \quad \omega \quad \omega \\ -\omega + \omega - \omega + \omega \end{array}$$

$$D_p = [-\omega, \omega] \cup [2, \omega]$$

$$y = \sqrt{x f(x)} \quad \text{دائری}$$

* از رشتہ عایت
منظور این است کہ نمودار
از اینجا بہ سمت راست و بالا

$$\begin{array}{c} \omega \\ -\omega \quad \omega \quad \omega \\ -\omega + \omega - \omega + \omega \end{array}$$

$$D_f = (-\omega, \omega) - \{0\}$$

منہ سوال

$$(-\omega, -1, 1) \leftarrow \text{منہ سوال}$$

$$y = \sqrt{\frac{2\pi}{f(x)}} \quad \text{دائری}$$

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

$$f(x) = x^2 - 2x \Rightarrow f(5) = 5^2 - 2(5) = 15$$

$$f(x) = \begin{cases} x - \sqrt{x+2} & x \geq 2 \\ 2x+2 & x < 2 \end{cases}$$

$$\frac{(x+2)^2+1}{(x+2)^2+2} = \frac{(\sqrt{2})^2+1}{(\sqrt{2})^2+2} = \frac{3}{4} = \left(\frac{\sqrt{2}}{2}\right)^2$$

$$\frac{x^2}{x^2} + \frac{1}{x^2} = x^2 + \frac{1}{x^2} \Rightarrow x^2 + \frac{1}{x^2} - 2 + 2 = x^2 + \frac{1}{x^2} - 2 + 2 = 11$$

$$g(x) = \sqrt{x^2+2}, f(x) = \{(2,0), (1,-\sqrt{2}), (0,\frac{\sqrt{2}}{2})\}$$

$$\frac{g}{f} = \{(2,0), (1,-\sqrt{2}), (0,\frac{\sqrt{2}}{2})\} = \{(1,-\sqrt{2}), (0,\frac{\sqrt{2}}{2})\}$$

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

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

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

$$f(x) = \{(1, 1), (1, 4), (-2, 2), (0, 2)\}$$

$$g(x) = \{(1, 0), (2, 1), (-6, 4), (-5, 3), (5, -1)\}$$

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

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

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