

$$f(x) = \frac{x^2 - 4x + w}{x+2} + b \xrightarrow{\text{بما } f} \therefore f(0) = 0 \rightarrow \frac{w}{2} + b = 0 \Rightarrow w = -2b \Rightarrow \boxed{a = -w}$$

$$\hookrightarrow f(1) = 1 \rightarrow \frac{0}{1+2} + b = 1 \Rightarrow \boxed{b = 1}$$

$$a - b = \boxed{-w - 1 = -4}$$

$$g(x) = x + r \Leftarrow f(0) = r, g(0) = c \Rightarrow r = c$$

$$\Leftarrow f(0) = g(0) \Leftarrow \text{بما } g(x), f(x) \text{ دالة}$$

$$\xrightarrow{g(1)=f(1)} g(1) = w \Rightarrow a + r = w + wb \Rightarrow a - wb = 1$$

$$f(1) = \frac{a+r}{1+b}$$

$$\begin{cases} a + wb = 1 \\ a + b = w \end{cases}$$

$$b = r$$

$$\Rightarrow b = \frac{1}{r}, \text{ etc}$$

$$b + c = \frac{1}{r} + r = \boxed{\frac{1}{r}}$$

$$\xrightarrow{g(-1)=f(-1)} g(-1) = 1 \Rightarrow -a + r = b - 1 \Rightarrow b + a = r$$

$$f(-1) = \frac{-a+r}{-1+b}$$

$$f(x) = \sqrt{x - wa} + k - 1 \quad g(x) = \sqrt{b - cx} + rK \quad r f - g = \{(1, k)\}$$

$$D_{f \cap g} = \{1\} \Rightarrow x - wa \geq 0 \Rightarrow x \geq \frac{wa}{c} \Rightarrow \frac{wa}{c} = 1 \Rightarrow a = \frac{c}{w}$$

$$\hookrightarrow b - cx \geq 0 \Rightarrow \frac{b}{c} \geq x \Rightarrow \frac{b}{c} = 1 \Rightarrow b = c$$

$$r f(1) - g(1) = rK - r - rK = k \Rightarrow k = -1$$

$$wa - \frac{b}{c} - k = c - r + 1 = \boxed{1}$$

$$f(x) = \sqrt{\frac{m}{v} - x} + n$$

$$D_g = 2x + r \geq 0 \Rightarrow x \geq -1$$

$$g(x) = \sqrt{2x + r}$$

$$D_f = m - x \geq 0 \Rightarrow m \geq x \Rightarrow m = +v$$

$$D_{f \cap g} = [-1, v] \rightarrow D_{f \cap g} = [-1, v]$$

$$m + n = 1\sqrt{v - r + v} = 1\sqrt{v + \omega}$$

$$f - g(x) = \sqrt{v}$$

$$\hookrightarrow \sqrt{\frac{m}{v} - x} + n - \sqrt{2x + r} = \sqrt{v} \Rightarrow n = 1\sqrt{v} - r$$

$$y = (-1)^n (n - [x]) = \frac{1}{p}$$

$$\Rightarrow x - [x] = \frac{1}{p}$$

