

فنادم، اد، ضارب
جائزہ کی سی

$$f(\omega) = \cancel{V\omega} (\omega + V)(\sigma + 1) = V\sigma + V$$

$$f(-1) = 10 + 1(-1) = 10 - 1$$

$$\Rightarrow \psi(V\sigma + V) = \psi\sigma - \psi + \sigma \Rightarrow |\psi\sigma + \psi = \psi\sigma - \psi$$

$$\Rightarrow \boxed{\rho = -1, \lambda = -\frac{q}{\omega}} \quad \checkmark$$

$$f(y-\sqrt{x}) = \sqrt{y-\sqrt{x}} + \frac{1}{\sqrt{y-\sqrt{x}}} + y \quad f(y+\sqrt{x}) = \sqrt{y+\sqrt{x}} + \frac{1}{\sqrt{y+\sqrt{x}}} + y$$

$\frac{1}{\sqrt{2}-\sqrt{5}} \times \frac{\sqrt{2}+\sqrt{5}}{\sqrt{2}+\sqrt{5}} = \frac{\sqrt{2}+\sqrt{5}}{1} = \sqrt{2}+\sqrt{5}$

$(a+b)^2 = a^2 + b^2 + 2ab$
 $= 2 + 5 + 2\sqrt{2}\sqrt{5} = 7 + 2\sqrt{10}$
 $a+b = \sqrt{7+2\sqrt{10}} \in \mathbb{R}$ جزای $\mathbb{R}$

$$f(x-\sqrt{r}) + f(x+\sqrt{r}) = \cancel{r(\sqrt{x+\sqrt{r}} + \sqrt{x-\sqrt{r}})} + r \Rightarrow \boxed{r + 2\sqrt{r}} \quad \checkmark$$

یک، n ، و یک، n - راجع به n است

$$\begin{aligned} n \rightarrow f(n) - f(-n) &= f'(0) \cdot n \\ -n \rightarrow f(-n) - f(n) &= f'(0) \cdot (-n) \end{aligned} \quad \left. \begin{array}{l} \text{منه} \\ \text{نحصل} \end{array} \right\} \begin{aligned} f(n) - f(-n) &= f'(0) \cdot n \\ f(-n) - f(n) &= f'(0) \cdot (-n) \end{aligned}$$

$$\Rightarrow -f'(0) \cdot n = f'(0) \cdot (-n) \rightarrow f(n) = -f'(0) \cdot n$$

سواء ٢-١ $\circ \rightarrow 2f(0) - 3f(2) = 3m-1$

جائزائی کی قسم $\rightarrow$

$$-2 \rightarrow \cancel{0} \times \cancel{f(-2)} + 9f(0) = 9 \times (-2)^2 + 2m + 2m - 1$$

$$\Rightarrow \begin{cases} 4f(0) = 1\omega + \omega m \\ 2f(0) = 2m - 1 \end{cases} \Rightarrow 9m - 5 = 1\omega + \omega m \Rightarrow 5m = 1\omega \rightarrow m = \omega/5$$

$$2f(0) = 2 \times \omega/5 - 1 \Rightarrow \boxed{f(0) = \omega/5} \quad \checkmark$$

$n = -1$
راجا لنداری $\rightarrow f(-1) + f\left(\frac{1}{-1}\right) = \frac{2(-1)^2 - 12(-1) + 3}{-1}$

$$\Rightarrow \cancel{X} f(-1) = \frac{1 + 1 + 1}{-1} = \boxed{f(-1) = -3} \quad \checkmark$$

۱- راجا پنداری
یستم