

ک، دنیا کی سب سے زیادہ مشہور

$$\alpha B = x \rightarrow \alpha = \frac{x}{B} \rightarrow \frac{\frac{A}{B} + B^2}{\omega B^2} = \frac{A+B^2}{\omega B^2} \rightarrow \frac{\Delta B^2}{(x+B^2)(x+B^2-xB^2)} \quad (1)$$

$$B^2 = \omega B + x \rightarrow B^2 + x = \omega B \rightarrow \frac{x+B^2-xB^2}{B^2} = \frac{(B^2+x)^2 - 4B^2}{B^2} = \frac{19B^2}{B^2} \quad (19)$$

$$n_s = \frac{3+(-1,4)}{x} = \frac{3}{x} \rightarrow \frac{-b}{xa} = \frac{3}{x} \rightarrow \text{جمع فرما، } \frac{-b}{a} = \frac{3}{x} \times x = \frac{3}{x} \quad (2)$$

$$\frac{\sqrt{\Delta}}{10a} = \frac{c}{x} K \rightarrow \frac{\Delta}{a^2} = \frac{16}{9} K^2 \rightarrow 9K^2 - 20 = \frac{16}{9} K^2 \quad (3)$$

$$\frac{9}{9} K^2 - 20 \rightarrow K^2 = 9$$

$$\rightarrow \left[\frac{K}{x} \right] = 9$$

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$$n_s = \frac{-a+x}{x} = -1 \rightarrow \frac{-b}{xa} = -1 \rightarrow b = xa \quad (4)$$

$$y_s = 1 \quad \alpha + B = \frac{-b}{a} = -2$$

$$\alpha^2 + B^2 = (\alpha + B)^2 - 2\alpha B = \omega \rightarrow 4 - 2\alpha B = \omega \rightarrow \alpha B = \frac{-1}{2} \quad (5)$$

$$y = a(x-\alpha)(x-B) \xrightarrow{x=0} y = a(\alpha B) = \alpha x \left(\frac{-1}{x} \right) \quad (1)$$

$$(1,1) \rightarrow 1 = a(-1-\alpha)(-1-B) = a(1+\alpha+B+\alpha B)$$

$$\rightarrow \alpha \left(\frac{-1}{x} \right) = 1 \rightarrow \alpha = \frac{-x}{1} \quad (6) \quad \text{ملاحظہ، } \frac{-1}{x} = \frac{-1}{x} \left(\frac{-1}{x} \right) = \frac{1}{x^2}$$

$$\Delta > 0 \rightarrow 4\omega + 4m > 0 \rightarrow m > \frac{-\omega}{2} \quad (7)$$

$$\frac{-1}{x} + \frac{4\omega}{x} + m < 0 \rightarrow m < \frac{-9}{x}$$

$$\rightarrow \frac{-\omega}{2} < m < \frac{-9}{x} \quad \left[\begin{array}{l} -9, -5, -4, -3 \\ \text{نہیں} \end{array} \right]$$

۹/۴ سے بڑھ کر

$$y_s = \frac{-A}{\omega a} = \frac{-144 + 20m^2 - 4m}{4m} = 2 \rightarrow 20m^2 - 14m - 144 = 0 \quad (8)$$

$$\Delta = 14^2 - 4 \times 20 \times (-144) = 11560$$

$$(m-3)(5m+12) = 0$$

$$\rightarrow m = 3, m = \frac{-12}{5} \rightarrow \text{منفی، چونکہ } m \text{ مثبت ہونا چاہیے}$$

$$y = 3x^2 - 14x + 14$$

$$n_s = \frac{14}{9} < 2$$

$$\text{ملاحظہ، } n = 2$$

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subject

Year Month Date

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$$a^x = \alpha \beta \rightarrow \alpha \beta = \frac{c}{a} = 4a - 1$$

(7)

$$a^x = 4a - 1 \rightarrow a^x - 4a + 1 = 0 \rightarrow (a-1)^2 = 0 \rightarrow a = 1$$

$$x^2 + 4x + 1 = 0 \rightarrow x = \frac{-4 \pm \sqrt{16-4}}{2} = -2 \pm \sqrt{3}$$

$$\rightarrow \sqrt{3} - 2, 1, -\sqrt{3} - 2$$

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$$x^2 = t \rightarrow t^2 - vt - \omega = 0 \rightarrow t = \frac{v + \sqrt{v^2 + 4\omega}}{2} \rightarrow \text{منفی قابل قبول نیست}$$

(8)

$$x = \pm \sqrt{\frac{v + \sqrt{v^2 + 4\omega}}{2}} \rightarrow 8 = 0$$

$$2p^2 - 4sp + 4s = 2p^2 = \frac{(v + \sqrt{v^2 + 4\omega})^2}{2} = \omega + v\sqrt{v^2 + 4\omega}$$

$$x_s = \frac{f}{2K} = \frac{x}{K} \quad y_s = K \times \frac{f}{K^2} - \frac{1}{K} - 4 = \frac{-f}{K} - 4$$

(9) 10

$$y = -fx - f \quad x = \frac{y}{K} \quad y = -\frac{1}{K} - f$$

$$-\frac{1}{K} - f = \frac{-f}{K} - 4 \rightarrow \frac{-f}{K} = -2 \rightarrow K = 2$$

$$y = 2x - fx - 4 \rightarrow x_s = 1$$

$$y_s = -1$$

$$-m^2 + mn + 1 = -m - n \rightarrow m^2 - (m+1)n - m - 1 = 0$$

(10) 15

$$\Delta \geq 0 \rightarrow (m+1)^2 - 4m(-m-1) \geq 0$$

$$m^2 + 1 + 2m + 4m^2 + 4m \geq 0 \rightarrow 5m^2 + 4m + 1 \geq 0$$

$$(5m+1)(m+1) \geq 0$$

$$\frac{-1}{5} \leq m \leq -1$$

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