

Subject: _____

Date: _____

امیرعلی میرزائی

پہنام لکھا

تالیف ۱۵ لاس دھر A

$$a \times a^9 \times a^9 = a^9 = 9^4 \rightarrow a^9 = 4$$

$$a + a^9 + a^9 = 21 \rightarrow a + a^9 = 17 \rightarrow a(9^2 + 1) = 17 \rightarrow 9 < \frac{1}{4}$$

جانب ۴
جانب ۱

$$a^9 \times a \times a^9 = 9^4 \rightarrow a^3 = 9^4 \rightarrow a = 4 \rightarrow 4^9 + 4 + 4^9 = 21 \rightarrow 4^9 + 4^9 = 17$$

$$\rightarrow 9 < \frac{1}{4}$$

جانب ۴
جانب ۱

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

$$\rightarrow x^2 = y \rightarrow y^2 - 4y - 1 = 0 \rightarrow y = 2$$

$$\rightarrow t_1 = 1, t_2 = 4 \rightarrow 9 = \frac{1}{y} \rightarrow \sum_{v=1}^n a_v = \frac{(9^n - 1)}{(9 - 1)} = 11 \times \frac{1}{\frac{1}{y} - 1}$$

$$= \frac{12V}{11} = 10, 11V0$$

$$1 + 9 + 9^2 + 9^3 + 9^4 = \frac{121}{11} \rightarrow a + a^9 + a^9 + a^9 + a^9 = y$$

$$\rightarrow a(1 + 9 + 9^2 + 9^3 + 9^4) = y \rightarrow 244 + \frac{121}{11} = y$$

$$\rightarrow y = 244 \frac{11}{11}$$

$$A_s \frac{q^r + 1}{r} = r^2 / 0, B^r \frac{q^r + 1}{r} \rightarrow B_s + 1, \quad -r$$

$$\rightarrow A + B \begin{cases} r^2 / 0 + 1, r^2 / 0 \\ r^2 / 0 - 1, r^2 / 0 \end{cases}$$

$$t_n = -r^2, \frac{-90}{r}, \dots \rightarrow d = \frac{1}{r} \rightarrow t_n = \frac{1}{r} n - \frac{r^2}{r} \quad -d$$

$$\rightarrow t_{10} = r^2 / r^2 - r^2 / r^2 = 1$$

$$\rightarrow a_n = 12A, a_r, \dots \rightarrow 12A \times q^v, 1 \rightarrow q^v = \frac{1}{12A} \rightarrow q = \frac{1}{r}$$

$$a + rd, a + qd, a + vd \rightarrow a^r + 12ad + r^2d^2 = a^r + 12ad + r^2d^2 \quad -r$$

$$\rightarrow r^2d + r^2d^2 = 0 \rightarrow d(r^2a + r^2d) = 0 \begin{cases} d = 0 = \frac{0}{a} \\ d = \frac{a}{10} \end{cases}$$

$$a + d, a + rd, a + vd \rightarrow (a + rd)^r = (a + rd)(a + vd) \quad -v$$

$$\rightarrow a^r + r^2ad + r^2d^2 = a^r + 12ad + r^2d^2 \rightarrow r^2ad - r^2d^2 = 0 \rightarrow r^2d(a - d) = 0$$

متساوی است یعنی $d = a$

$$\rightarrow d < a \quad \rightarrow a + rd, a + vd, a + vd \rightarrow$$

$$12a, 12a, 12a \xrightarrow{q^r} t_{10} = \frac{1}{r} \times r^2 \times r^2 = 12A$$

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$$r^2 a^r + r a^r + a^r \rightarrow r^2 a^r = a^r + r a^r \rightarrow a^r (r^2 + 1) = r^2 a^r \quad \Delta$$

$$\rightarrow r^2 + 1 = \frac{r^2 a^r}{a^r} = r^2 \rightarrow r^2 - r^2 + 1 = 0 \rightarrow (r-1)(r+1)$$

$$\rightarrow r = 1 \quad \text{or} \quad r = -1$$

$$t_n = -\frac{1}{r} n + \frac{r}{r} \rightarrow t_n = \frac{0}{r} + \frac{1}{r} + \frac{1}{r} = -1 \quad \Delta$$

$$\frac{0}{r} + n = \frac{1}{r} + n = -1 + n \rightarrow (n + \frac{1}{r}) = (n-1)(n + \frac{0}{r})$$

$$\rightarrow n^2 + n + \frac{1}{r} = n^2 + \frac{1}{r} - \frac{0}{r} \rightarrow \frac{n}{r} + \frac{1}{r} = 0$$

$$\rightarrow r n = -1 \rightarrow n = \frac{-1}{r} = -0,20$$

$$\rightarrow \frac{0}{r} = -0,20 = \frac{1}{r} = -0,20 \rightarrow -r = -0,20 \rightarrow r = 0,20$$

$$\rightarrow r = \frac{-0}{-r} = \frac{\Delta}{r} = 1,20$$

$$a + a + d + a + a + d = V^r \rightarrow (a + d)^r = a^r (a + d)^r \rightarrow -1$$

$$a^r + r a^r + d^r = a^r + a^r + d^r \rightarrow V a d \rightarrow d(d - V a)$$

$$\rightarrow d < 0 \rightarrow d = 0 \quad \left. \begin{array}{l} V a \rightarrow V r a, V^r \rightarrow a \leq 1 \rightarrow d = V a = V \\ d < V \end{array} \right\} d < V$$