

$$11 - 9a = 1$$

$$9a + 1 = 72$$

عدد آفرسته نهم = ۱۱

عدد اول = ۱۱

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۱, ..., ۷
(۱)

۸, ..., ۱۲
(۲)

۱۳, ..., ۲۹
(۳)

۳۰, ..., ۴۰
(۴)

۴۱, ..., ۴۹
(۵)

$$\frac{121 + 392}{2} = 256.5$$

۲

a_0, a_2, a_4, a_6

a_1, a_3, a_5, a_7

a_2, a_4, a_6, a_8

$$S_1 = 1 + 1 + (1+a) + 2 + (1+a) + 1 + 1 + (1+a) + 1 = 19 \Rightarrow a = -2 \quad n = 2k+1$$

$$a_n = \left[\frac{n}{k+1} \right] - 2 \Rightarrow \frac{2k+1}{k+1} = 2 = \left[\frac{k-1}{k+1} \right] \Rightarrow k=0 \text{ یا } 1 \Rightarrow -1$$

$$\boxed{-2}$$

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$$\frac{1}{v} \times (-1^k) = -\frac{1}{a}$$

$$a_n = -\frac{n^r}{a} + bn + c$$

$$a_d = -a + ab + c = 1^k \Rightarrow ab + c = 1$$

$$a_v = -\frac{v^r}{a} + vb + c = 1^k \Rightarrow vb + c = 1 \Rightarrow 2b + 1 - 1 = 1 \quad b = 1, c = 1$$

$$a_n = -\frac{n^r}{a} + 1n - 1$$

$$a_d = \frac{1^k}{a} + 1 - 1 = 1^k \quad \left. \begin{array}{l} \frac{1^k}{41} = 1 \\ \frac{1^k}{41} = 1 \end{array} \right\}$$

$$a_1 = -\frac{1}{a} + 1 - 1 = \frac{1}{41}$$

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$$a_r = t_\varepsilon$$

$$a_v = t_1$$

$$d(t) = \frac{a}{\varepsilon} d(a)$$

$$\frac{a_v - a_r}{a} = \frac{2}{a}$$

$$\frac{t_1 - t_\varepsilon}{\varepsilon} = \frac{2}{\varepsilon}$$

$$d(a) = \frac{\varepsilon}{a} d(t) \Rightarrow a \times \frac{\varepsilon}{a} d(t) = \varepsilon d(t)$$

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$$\gamma(a+d)^r = \alpha a^r + 1 \cdot ad + \gamma a^r + \gamma ad \Rightarrow \gamma d^r = \gamma a^r + ad$$

$$\rightarrow \gamma a^r + \gamma ad + \gamma a^r$$

$$\frac{a_e}{d} = \frac{a+cd}{d} = \frac{a}{d} + \gamma \Rightarrow \frac{a}{d} + \gamma = t \Rightarrow \gamma + t = \gamma \Rightarrow \gamma + t - \gamma = 0$$

$$\frac{-1 \pm \sqrt{1+\epsilon}}{\gamma} < \frac{\gamma}{\gamma} \quad \frac{a_e}{d} < \frac{\gamma}{\gamma}$$

$$b-d, b, b+d \quad b, \frac{b-d}{\gamma}, \frac{b+d}{\gamma} \quad \frac{b^r + bd}{\epsilon} = \frac{b^r - \gamma db + d^r}{\epsilon} \Rightarrow d^r - \gamma bd = 0$$

$$\Rightarrow d(\gamma d - \gamma b) = 0 \Rightarrow d - \gamma b = 0 \Rightarrow d = \gamma b \quad b, \frac{b \gamma b}{\gamma}, \frac{b \gamma b}{\gamma}$$

$$b, -b, b \Rightarrow q = -1 \quad \gamma q = -\gamma$$

$$\alpha, aq, aq^r \quad \gamma aq, \gamma a, aq^r \quad \left. \begin{array}{l} aq^r + \gamma a - \epsilon = 0 \\ \gamma aq + aq^r = \epsilon a \Rightarrow \gamma q + q^r = \epsilon \end{array} \right\}$$

$$\frac{-\gamma \pm \sqrt{\gamma + \gamma}}{\gamma} < \frac{1}{\gamma} \quad \Rightarrow \frac{aq^r}{aq^r} = q^r = -\epsilon = -\gamma \epsilon$$

$$\frac{aq^r}{a^r q^r} + \frac{aq}{a^r} = \gamma \Rightarrow \frac{q}{a^r} - \frac{q}{a} = \gamma \quad \frac{a^r}{aq} = \frac{a}{q} \quad \frac{q^r}{a^r} + \frac{q}{a} - \gamma = 0$$

$$\left(\frac{q}{a}\right)^r + \frac{q}{a} - \gamma = 0 \Rightarrow \frac{q}{a} = \frac{-1 \pm \sqrt{1+\gamma}}{\gamma} < \frac{1}{\gamma} \Rightarrow \frac{q}{a} < \frac{1}{\gamma}$$

$$(aq^r)^r = aq^r \times aq^r \Rightarrow a^r q^r = aq^r \times aq^r \Rightarrow aq^r = q^r \Rightarrow \gamma V = q^r$$

$$\Rightarrow q = \sqrt{\gamma V} \Rightarrow aq^r = \gamma V \Rightarrow \gamma \gamma a = \gamma V \Rightarrow a = \frac{1}{\gamma V}$$

$$\frac{\gamma V}{\omega \epsilon} - \frac{\gamma}{\omega \epsilon} = \frac{\gamma \alpha}{\omega \gamma}$$