

$\frac{n}{q} = n$ $nq = B$ $t_1 + t_r + t_r = 21$ $t_1 \cdot t_r \cdot t_r = 4f$ $q \neq w$ $q = \frac{1}{f}$

$t_r = f$

$\frac{f}{q} + f + fq = 21$

$\frac{f}{q} \times n \times nq$

$n^2 = 4f$
 $n = f$

$(\frac{f}{q} + fq = 17) \times q = f + fq^2 = 17q$

$fq^2 - 17q + f = 0$

$q = \frac{1}{f}$ $q = f$

$q = \frac{1}{f}$ غیر صافی است پس

$n^2 - 2$ و $2n$ و $n^2 + f$

$4n^2 = n^2 + 2n^2 - n$

$2n^2 = n^2 - n$

$n^2 - 2n^2 - n = 0$

$(n^2 + 2)(n^2 - f) = 0$

$n^2 = 2$ $n^2 = f$

$n = \pm 2$

$n \times \left(\frac{1 - q^4}{1 - q} \right) = \frac{121}{12n} \times 2 \times n = \frac{121}{n}$

$q = \frac{1}{f}$

$S_v =$

$1 + q + q^2 + q^3 + q^4 = \frac{121}{n1}$

$a(1 + q + q^2 + q^3 + q^4) = \frac{121}{n1}$

$\frac{121}{n1} \times 243 = 343$

$1 \ 000000$ q^4 A $1 \ 0 \ 0 \ 0 \ 0 \ 0$ $4f^{-4}$

$\pm n$

$q^4 = 4f$ $q = \pm 2$

$2210 + n = f.15$

$A + B \rightarrow 2210 - n = 2415$

$\frac{4f - 1}{a + 1} = \frac{4f}{4} = 1015$

دعای سیر

یاسا محندی

۵- عمل اولی ام حسابی $-\frac{94}{f}, -\frac{95}{f}$ با عمل کسب بقا عددی $2n, a_2$

$$a_n = \frac{1}{f} n - \frac{9v}{f}$$

$$a_{101} = 101 \times \frac{1}{f} - \frac{9v}{f} = \boxed{1}$$

$$a_n = 12n \times q^v = 1$$

$$q^v = \frac{1}{12n} \Rightarrow q = \frac{1}{2}$$

$$t_r, t_v, t_q$$

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$$\cancel{t_r} + t_q = r t_v$$

$$a_1 + r d + a_1 + n d = r a_1 + r d$$

$$t_v^2 = t_r + t_q$$

$$\cancel{a_1^2} + r d^2 + 12 a_1 d = \cancel{a_1^2} + r d^2 + 12 a_1 d$$

$$a + 10d = 0$$

$$d = -\frac{1}{10} a$$

$$r d = -r a$$

$$10d = -a$$

$$r d^2 = -r a d$$

$$\cancel{d(r d)} = -r a \cancel{(d)}$$

$$t_1 = \frac{1}{f} \quad t_{10} = ?$$

$$\cancel{t_r}, \cancel{t_f}, t_n$$

$$\cancel{t_r} \quad \cancel{t_r + r d} \quad t_r + r d$$

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$$(t_r + r d)^2 = t_r^2 + r d t_r$$

$$\cancel{t_r^2} + r d^2 + r d t_r = \cancel{t_r^2} + r d t_r$$

$$t_{10} = \frac{1}{f} \times r^9 = \boxed{12n}$$

$$\cancel{r d^2} = r d t_r$$

$$\cancel{d} \quad d = r$$

$$r d = \cancel{t_r} \quad \frac{1}{f} (d) \rightarrow \boxed{r}$$

$$r \times t_r \Rightarrow r \times t_r \Rightarrow t_r$$

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$$r a q, r a q^r, a q^r$$

$$\cancel{r} \times \cancel{t_r} = r \times \cancel{t_r}$$

$$r a q^r = a q^r r \times a q^r = a^2 q^r \times a q^r$$

$$r \times r a q^r = a q^r + r a q =$$

$$- r a q^r + r a q + a q^r = r a q^r$$

$$a q (-r q + r + q^r) = 0$$

$$\rightarrow q = 1$$

$$\rightarrow q = r$$

مقدار اضافه شود گزینی شده

$$t_4, t_n, t_{13}$$

$$-9 \quad \frac{v}{f} \quad 2 \quad \text{قدشیت آن}$$



$$d = -\frac{1}{f}$$

$$a_4 = \frac{\omega}{f}$$

$$a_n = \frac{1}{f}$$

$$a_{13} = -1$$

$$\frac{\omega}{f} + n, \frac{1}{f} + n, -1 + n$$

$$\left(\frac{1}{f} + n\right)^2 = \left(n + \frac{\omega}{f}\right)(n - 1)$$

$$\frac{1}{14} + n^2 + \frac{1}{f} n = n^2 + \frac{1}{f} n - \frac{\omega}{f}$$

$$n =$$

$$q = \frac{\omega}{f}$$

$$-f, -\omega, -\frac{2\omega}{f}$$

$$n = -\frac{21}{f}$$

$$\frac{21}{14} = -\frac{1}{f} n$$

$$v_3 = t_1 + t_4 + t_v$$

$$t_v = a q^3$$

$$t_v = t_1 + d$$

$$a q^3 = t_1 + d$$

$$a(q^3 - 1) = d$$

$$q^3 = n$$

$$q = 2$$

$$\begin{cases} q^3 = 1 \\ q = 1 \end{cases}$$

$$a + a q^3 + a q^4 = v_3$$

$$t_{10} = t_1 + qd = a + qa(q^3 - 1)$$

$$a + a q^4 - qa$$

$$a + 1a + 4fa = v_3 \rightarrow a = 1$$

$$a(q^3 - 1) = n - 1 = v$$