

$$\frac{a}{q} \times a \times aq = 9f \rightarrow a^3 = 9f \rightarrow a = f$$

$$\frac{a}{q} + a + aq = r1 \rightarrow \frac{f}{q} + f + fq = r1 \rightarrow q + \frac{1}{q} = \frac{1v}{f} \rightarrow q^2 - \frac{1v}{f}q + 1 = 0$$

$$\frac{f}{q} + f + fq = r1 \rightarrow q + \frac{1}{q} = \frac{1v}{f}$$

$$\begin{cases} q = f \\ q = \frac{1}{f} \end{cases} \times$$

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$$(x^r + f)(x^r - f) = rx^r$$

$$a = t_1 = x^r + f = \Lambda$$

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

$$x^r - rx^r + fx^r - \Lambda = fx^r$$

$$S_n = \Lambda \left(\frac{(\frac{1}{f})^v - 1}{\frac{1}{f} - 1} \right)$$

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$$x^r - rx^r = \Lambda = 0$$

$$= \Lambda \left(\frac{1 - \frac{1v}{f}}{1 - \frac{1}{f}} \right)$$

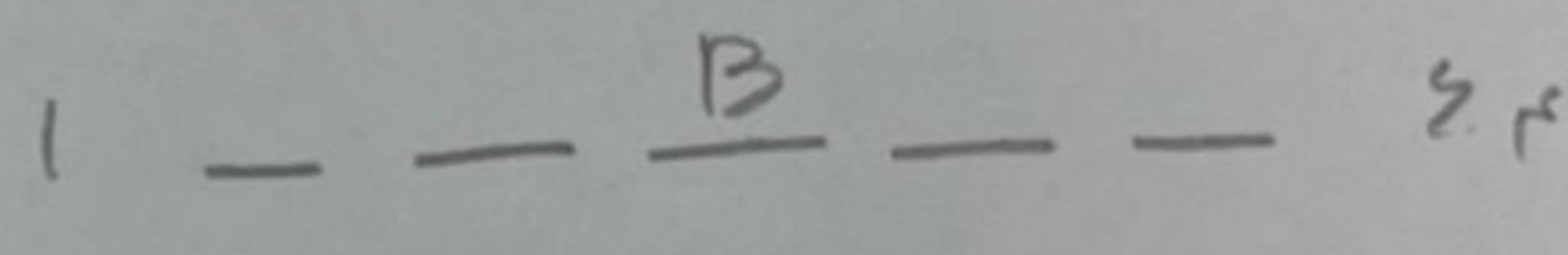
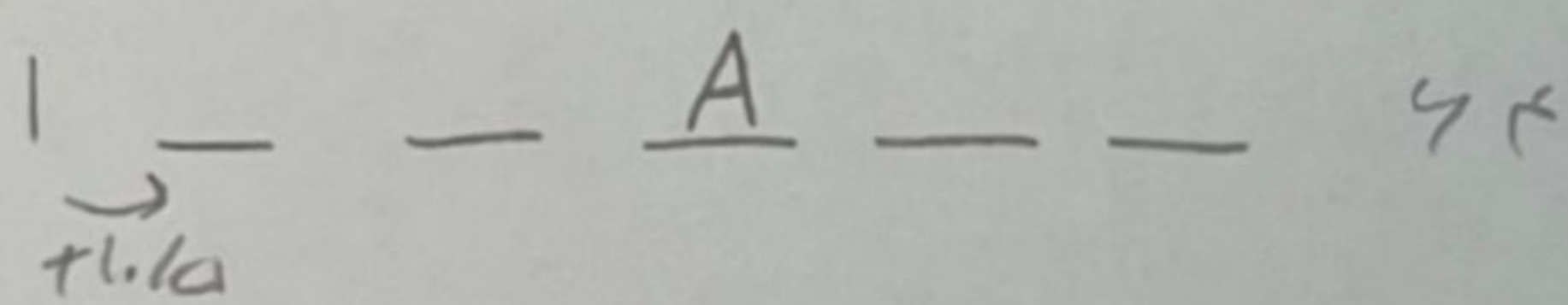
$$\Delta = \frac{r \pm \sqrt{r^2 + 4r}}{2} = \frac{r \pm 4}{2} \Rightarrow \Delta = f \rightarrow x = \pm r \rightarrow x = r$$

$$\Delta = -r \times$$

$$= \Lambda \left(\frac{r \pm f}{1 - \frac{1}{f}} \right) = \boxed{10/170}$$

$$S_5 = a_1(1 + q + q^2 + q^3 + q^4) \Rightarrow r \pm r \left(\frac{1v}{\Lambda} \right) = \boxed{393}$$

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$$d = \frac{9f - 1}{9} = 10/9$$

$$r^9 = 9f$$

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$$A = 1 + r^9 d$$

$$r = r$$

$$B = 1 \times r^9 = r^9 = \Lambda$$

$$r^9 d = 1 + r^9 d$$

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A

$$A + B = r^9 d + \Lambda = 10/9$$

$$-rt_1 - \frac{90}{f} \dots$$

$$12\Lambda \dots a \dots$$

$$d = -\frac{90}{f} - (-rt) = \frac{1}{f}$$

$$r^9 = \frac{12\Lambda}{f}$$

$$\boxed{r = r}$$

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$$t_{1.1} = -rt + 100 \left(\frac{1}{f} \right)$$

$$= -rt + 100$$

$$= \boxed{1}$$

$$t_r = a + rd \quad t_v = a + vd \quad t_n = a + nd$$

$$q = \frac{t_v}{t_r} = \frac{a + vd}{a + rd} \rightarrow \frac{\frac{ra}{a}}{\frac{ra}{a}}$$

$$= \frac{r}{r} = 1$$

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$$t_v^r = t_r \times t_n$$

$$(a + vd)^r = (a + rd)(a + nd)$$

$$rad + r \cdot d^r = 0$$

$$rd(a + nd) = 0 \quad a + rd = 0 \quad a + nd = 0$$

$$d = -\frac{a}{r}$$

$$t_r = a + d$$

$$d + d = rd$$

$$ra, ra, na$$

$$t_r = a + rd$$

$$a + rd = ra$$

$$q = \frac{ra}{ra} = r$$

$$t_n = a + vd$$

$$a + vd = na$$

$$a_1 = \frac{1}{r} \times r^q = \boxed{1 \text{ r } \Lambda}$$

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$$t_r^r = t_r \cdot t_n$$

$$d = a$$

$$(a + rd)^r = (a + d)(a + vd)$$

$$ar + vad + vd^r = ar + vad + vd^r \rightarrow rd^r - rad = 0$$

$$rar, rar^r, ar^r$$

$$rar^r = \frac{rar + ar^r}{r}$$

$$rar^r = r^2r + ar^r$$

$$r^2r = r^2r + r^r$$

$$r^r - r^2r + r^r = 0 \rightarrow r(r^r - (r^2r + r^r)) = 0 \rightarrow r(r-1)(r-r) = 0$$

$$\begin{cases} r=0 \text{ X} \\ r=1 \text{ X} \\ \boxed{r=r} \end{cases}$$

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$$r, \frac{v}{r}, \dots$$

$$t_{r+x}, t_{n+x}, t_{r+x}$$

$$d = \frac{v}{r} - r = -\frac{1}{r}$$

$$A = t_{r+x} = -1 + x \quad B = t_{n+x} = \frac{1}{r} + x \quad C = t_{r+x} = \frac{v}{r} - x$$

$$B^r = A \cdot C$$

$$\left(\frac{1}{r} + x\right) = (-1 + x)\left(\frac{v}{r} + x\right) \rightarrow x = -\frac{r}{r}$$

$$t_n = r - (n-1)\frac{1}{r}$$

$$t_r = r - \frac{r}{r} = \frac{v}{r}$$

$$t_n = r - \frac{v}{r} = \frac{1}{r}a - r + x$$

$$A = -1 - \frac{r}{r} = -\frac{v}{r} \quad B = \frac{1}{r} - \frac{r}{r} = -a \quad C = \frac{v}{r} - \frac{r}{r} = -r$$

$$q = \frac{B}{A} = \frac{-a}{-\frac{v}{r}} = \boxed{\frac{r}{a}}$$

$$t_{r+x} = r - \frac{1}{r} = -1$$

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$$t_1 = a + a + a + \dots + a = vr \quad A_1 = a$$

$$t_r = ar^r \quad A_r = ar^r$$

$$t_v = ar^v \quad A_{10} = ar^v$$

$$d = ar^r - a = a(r^r - 1)$$

$$a(\Lambda - 1) = Va \quad \frac{d}{A_1} = \frac{Va}{a} = \boxed{V}$$

$$a + ar^r + ar^v = vr$$

$$A_r - A_1 = d$$

$$(ar^r - a) = d$$

$$a(1 + r^r + r^v) = vr$$

$$A_{10} - A_r = \Lambda d$$

$$(ar^v - ar^r) = \Lambda d$$

$$x = \frac{r \pm \sqrt{\Lambda^2 - r^2}}{r} = \frac{r \pm V}{r} \begin{cases} x = \Lambda \\ x = 1 \end{cases}$$

$$(ar^v - ar^r) = \Lambda(ar^r - a)$$

$$r^v - r^r = \Lambda r^r - 1 \rightarrow r^v - \Lambda r^r + 1 = 0$$

$$x = r^r \rightarrow r^r = \Lambda$$

$$r = r$$

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