

$$\alpha + \alpha q + \alpha q^r = 1 \rightarrow \alpha q \left(\frac{1}{q} + 1 + q \right)$$

$$\alpha \times \alpha q + \alpha q^r = q \epsilon \rightarrow \alpha q = \epsilon$$

$$\alpha q \left(\frac{q^r + q + 1}{q} \right) = \epsilon$$

$$\frac{\epsilon}{q} + \epsilon q = 1 \vee$$

$$\epsilon \left(\frac{1}{q} + q \right) = 1 \vee$$

$$(q + \frac{1}{q}) : \epsilon \frac{1}{\epsilon} \rightarrow \frac{q}{\frac{1}{q} + \frac{1}{q}} \notin W$$

$$\frac{n^r - r}{r n} = \frac{r n}{n^{r+1}} \rightarrow 0 = (n^r - r)(n^r + r) \rightarrow n = \pm r \xrightarrow{q > 0} \begin{cases} n^r + r > 0 \\ r n > 0 \\ n^r - r > 0 \end{cases} \rightarrow \underline{n > 0} \quad \times$$

$$\rightarrow \underline{n = r} \xrightarrow{\text{den}} \lambda, \varepsilon, r, \dots \rightarrow q = \frac{1}{r}$$

$$\oint_{\gamma} \lambda \left(\frac{1 - (\frac{1}{r})^v}{1 - \frac{1}{r}} \right) = 14 \times \left(1 - (\frac{1}{r})^v \right) = r^v - r^r = \boxed{10 \frac{v}{\lambda}}$$

$$a_1 + a_1 q^1 + a_1 q^2 + a_1 q^3 + a_1 q^4 = a_1 (1 + q^1 + q^2 + q^3 + q^4)$$

$$a_1 \times \frac{1-1}{1-1} = \cancel{1 \times 1} \times \frac{1-1}{1-1} = \boxed{1 \times 1}$$

$$\left. \begin{aligned} \frac{y_{t+1}}{r} &= cr, d = \\ a_1 a_r &= a_{\varepsilon}^r \rightarrow a_{\varepsilon} = \pm 1 \end{aligned} \right\} \begin{array}{l} \begin{array}{c} p \\ +1 \end{array} \rightarrow a_{\varepsilon} = \pm 1 \rightarrow \boxed{\varepsilon_0, d} \rightarrow cr, d+1 \\ \begin{array}{c} p \\ -1 \end{array} \rightarrow a_{\varepsilon} = -1 \rightarrow \boxed{\mu_{\varepsilon}, d} \rightarrow cr, d-1 \end{array}$$

$$\frac{-q_1}{\epsilon}, \frac{-q_2}{\epsilon}, \dots \rightarrow \frac{17}{\epsilon} - \frac{qV}{\epsilon} \xrightarrow{\alpha_{101}} \frac{101}{\epsilon} - \frac{qV}{\epsilon}, \quad \frac{\epsilon}{\epsilon} = 1$$

$$r^V \times q^V = 1 \rightarrow q^V = r^{-V} \rightarrow q^V = \boxed{r^{-1}}$$

$$\frac{a+1d}{a+4d} = \frac{a+4d}{a+4d} \rightarrow a^r + 1d^r + 12ad = a^r + 14d^r + 10ad$$

$$r_{ad} = -10d^r$$

$$a = -10d$$

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

$$\boxed{d=0}$$

$$\frac{a+vd}{a+vd} = \frac{a+vd}{a+vd} \rightarrow a^r + 9d^r + 9ad = a^r + 10ad + 9a^r \rightarrow r_{ad} = r_{ad}$$

$$q = \frac{a_1}{a_2} = \frac{a_1}{a_2} = \frac{1}{0.8} = \frac{5}{4} \rightarrow \ln, r, r^{-1}, r^2, r^{-2}, \dots$$

$$\rightarrow \ln = r^{n-r} \rightarrow t_{10} = r^{1-r} = r^V = \boxed{15\Lambda}$$

$$a_n = r a q, r a q^r, a q^r \rightarrow \varepsilon a q^r = a q (r + q^r)$$

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

$$\rightarrow q = \begin{cases} \mu \\ 1 \end{cases} \rightarrow \boxed{q = \mu}$$

$$a_n = \frac{q-n}{\varepsilon} \rightarrow \begin{cases} a_1 = \frac{d}{\varepsilon} \\ a_n = \frac{1}{\varepsilon} \\ a_{n+1} = -1 \end{cases} \rightarrow \frac{-1+n}{\frac{1}{\varepsilon}+n} = \frac{\frac{1}{\varepsilon}+n}{\frac{d}{\varepsilon}+n}$$

$$\rightarrow \frac{1}{14} + n + \frac{n}{\varepsilon} = n + \frac{n}{\varepsilon} - \frac{d}{\varepsilon} \rightarrow \frac{n}{\varepsilon} = \frac{-r1}{14} \rightarrow n = \frac{-r1}{\varepsilon}$$

$$q = \frac{-\frac{\varepsilon}{\varepsilon} - \frac{r1}{\varepsilon}}{\frac{1}{\varepsilon} - \frac{r1}{\varepsilon}} = \frac{\frac{1}{\varepsilon} - \frac{r1}{\varepsilon}}{\frac{d}{\varepsilon} - \frac{r1}{\varepsilon}} \cdot \frac{d}{\varepsilon} \rightarrow \boxed{q = \frac{d}{r}}$$

$$= a, a q^r, a q^r \rightarrow a_1 a_v = a_1^r \rightarrow a \times (a+9d) = (a+9d)^r$$

$$\rightarrow a^r + 9ad = a^r + 9d^r + 9ad \rightarrow 9ad = 9d^r \rightarrow \frac{d}{a} = \frac{V_a}{V}$$

$$\rightarrow d = V_a = V \times 1 = \boxed{V}$$

$$r_{ad} + 10d = V \times a = V \times 1 \rightarrow a = 1$$