

$$\epsilon(a+d)^r = \epsilon(a+rd)a + r(a+d)a \rightarrow (ra^r + ad - \epsilon d^r = 0) \times r \quad (r)$$

$$\epsilon a^r + rad - rd^r = 0 \rightarrow (ra + \epsilon d)(ra - rd) = 0 \quad \frac{a\epsilon}{d} = ?$$

$$\Rightarrow \frac{a+rd}{d} = ? \quad \frac{a}{d} + \frac{rd}{d} \rightarrow$$

$$ra = -\epsilon d \Rightarrow a = -rd \Rightarrow -r \neq 1 \quad \checkmark$$

$$ra = rd \Rightarrow a = 1/d \quad \checkmark \quad 1/a + r = \epsilon/a \quad \checkmark$$

$$b \neq \frac{a+c}{r} \rightarrow rb = a+c \quad \left. \begin{array}{l} a^r = b(rb-a) \rightarrow a^r = rb^r - ab \\ (\frac{a}{r})^r = b(\frac{c}{\epsilon}) \rightarrow \frac{a^r}{\epsilon} = \frac{bc}{\epsilon} \rightarrow a^r = bc \end{array} \right\} \quad (r)$$

$$\xrightarrow{+b^r} (\frac{a}{b})^r = r - \frac{a}{b} \rightarrow (\frac{a}{b})^r + \frac{a}{b} - r = 0 \rightarrow a^r + a - r = 0 \rightarrow a = -r \quad \checkmark$$

$$r = \frac{a^r}{b} = \frac{1}{r}(\frac{a}{b}) = \frac{a}{r} = \frac{1}{r}(-r) = -1 \rightarrow r \times (-1) = -r \quad \checkmark \rightarrow -1/r$$

$$ra = \frac{rb+c}{r} \rightarrow \epsilon a = rb+c \rightarrow b = \frac{\epsilon a - c}{r} \quad \left. \begin{array}{l} b^r = ac \\ (\frac{\epsilon a - c}{r})^r = ac \end{array} \right\} \quad (r)$$

$$14a^r + c^r - 14ac = 9ac \quad 14a^r + c^r - 14ac = 0 \rightarrow C^r - 14a^r + C = 0$$

$$\frac{a_9}{a_v} = \frac{9a^r}{9a} = a^r = (\frac{b}{a})^r = (\frac{-\epsilon a}{a})^r = -9\epsilon \quad \checkmark \rightarrow -1/r$$

$$b=1 \quad b=-\epsilon a$$

$$\frac{a_v}{a_r \times a_r \times a_r} + \frac{a_r}{a \times a} = r \rightarrow \frac{a_9^3}{(a_9)^r} + \frac{a_9}{r} = r \rightarrow \frac{r^r}{a^r} + \frac{q}{a} = r$$

$$x = \frac{q}{a} \rightarrow x^r + x = r \rightarrow x^r + x - r = 0 \rightarrow x = 1, x = -r$$

$$\frac{q}{a} = 1 \leq \frac{q}{a} = -r \rightarrow \frac{a}{r} = 1, \frac{a}{r} - \frac{1}{r} \quad \frac{a^r}{a_r} = \frac{a^r}{a_9} = \frac{a}{q} \rightarrow \frac{1}{r} \quad \checkmark$$

$$a_9^r = \sqrt{a_9^r}, a_9^{\epsilon} = rv \rightarrow a^r q^{\epsilon} = a_9^r \rightarrow a^r q^{\epsilon} - a_9^r = 0$$

$$a(a_9^{\epsilon} - q^r) = 0 \rightarrow a(rv - q^r) = 0$$

$$rv a - a_9^r = 0 \rightarrow rva = a_9^r \rightarrow q = r$$

$$a_9^{\epsilon} = (a)(r^{\epsilon}) \rightarrow 1/a = rv \rightarrow a = \frac{1}{r} \quad \checkmark \rightarrow \frac{1}{r} - \frac{1}{r} = \frac{1}{r} \quad \checkmark$$