

۱۴ و ۱۵ / ۴۴

$$S_V = \boxed{\frac{1 \mu V}{\Lambda}}$$

$$S_o = q_1 \times \frac{1-q^o}{1-q} \Rightarrow S_o = 1550 \times \frac{1-1}{1-1} = \boxed{15000}$$

$1, 11, \omega, 22, \boxed{33}, \omega, 44, \omega, 55, \omega$

$$x_\lambda = a_\lambda \times g^\vee = 1 \Rightarrow 1^\vee \lambda \times g^\vee = 1$$

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

$$a_p = a_1 + r^p d \quad a_v = a_p \times q$$

$$a_v = a_1 + v d$$

$$a_q = a_1 + n d$$

$$(a_1 + v d)^p = (a_1 + r^p d)(a_1 + n d) = v r^p d(a_1 + n d) = 0$$

$d = -\frac{a_1}{1}$ زیرا این صورت d که ثابت می شود

$$r = \frac{a_v}{a_p} = \frac{a_1 + v d}{a_1 + r^p d} = \left(\frac{1}{r}\right) \cancel{\frac{1}{r}}$$

$$\boxed{d = -\frac{a_1}{1}} \\ \boxed{r = \frac{1}{r}}$$

$$b_1 = a_p \quad (a_p)^p = a_p \times a_q$$

$$b_r = a_p$$

$$b_p = a_n$$

$$b_p \times b_1 = b_r$$

$$(a_1 + r^p d)^p = (a_1 + d)(a_1 + v d)$$

$$a_1^p + p a_1^{p-1} d + \dots = a_1 + a_1 d + v d$$

$$p a_1^{p-1} d = a_1 d + v d$$

$$p d = a_1 d + v d$$

$$p d = a_1 d + v d$$

$$d^p = a d \quad d(d-a) = 0$$

$$b_{10} = b_1 \times q^9 = \frac{1}{r} \times r^9$$

$$r^9 = 1/r$$

$$b_{10} = \frac{1}{r} \times 1/r = 1/r^2$$

$$b_1 = a_p = a_1 + d = a_1 + a_1 = 2a_1$$

$$b_1 = \frac{1}{r} \quad 2a_1 = \frac{1}{r} \quad a_1 = \frac{1}{2r}$$

عبارت
حاصل
 $r^p a, r^p a, r^p a, a$
 $r^p a, r^p a, r^p a, r^p a$

$$r^p (r^p a) = r^p a + a r^p$$

$$r^p a r^p = r^p a + a r^p$$

$$r^p = (r^p + r^p) / r - r^p + r^p = 0$$

$$r^p + r^p - r^p - r^p = 0 \quad r = \boxed{3}$$

$$a_1 = 2, \quad a_p = \frac{1}{r}$$

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

$$a_{10} = -1$$

$$\left(\frac{1}{r} + d\right)^p = \left(\frac{1}{r} + d\right)(-1 + d)$$

$$d^p + \frac{1}{r} d + \frac{1}{r} = d + \frac{1}{r} d - \frac{1}{r}$$

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

$$b_1 = \frac{1}{r} + d$$

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

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

$$b_r = \frac{1}{r} + d$$

$$b_1 = -1, \quad b_p = -1$$

$$a_1 = \frac{1}{r}$$

$$b_p = -1 + d$$

$$q = \frac{-1}{r} = \boxed{\frac{1}{r}}$$

$$a + ar^p + ar^q = v r$$

$$a(1 + r^p + r^q) = v r$$

$$d \neq a, d + a, a$$

$$a + d = ar^p$$

$$d = ar^p - a$$

$$a + qd = ar^q$$

$$a + qar^p + 1a = 0$$

$$a(r^p - q r^p + 1) = 0$$

$$r^p - q r^p + 1 = 0$$

$$x = r^p$$

$$x^p - q x + 1 = 0$$

$$(x-1)(x-1) = 0$$

$$r^p = \boxed{1}$$

$$a = 1, \quad r = r$$

$$r^p = 1, \quad r = r$$

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

$$a \times 3 = v r \quad a = 1$$

$$d = ar^p - a = 1 - 1 = 0$$

$$\boxed{V}$$