

$$\frac{a_1 - s}{r} = v = d$$

and

$$r \cdot n = r_0 + (n-1)v$$

$$r \left\{ \frac{14n}{v} = n-1 \Rightarrow n = 15 \right\}$$

$$1.1, 1.1, \dots, 99V$$

$$1.1, 99V, 1.1$$

$$\frac{99V - 1.1}{V} + 1 = 159$$

$$\frac{a_1}{v} + \frac{a_n}{r} = a_{14} + a_9$$

12

$$n=1$$

$$12 r + r + r$$

$$n=1$$

$$a_{12} + a_{12} + a_{12} = 0$$

$$12a_{12} = 0$$

$$a_{12} = 0$$

$$d = -1$$

$$a_n = a_1 + (n-1)d$$

Do

$$a_1 = 9$$

$$a_1 + a_{12} + a_{12} = 9$$

$$12a_{12} = 9$$

$$a_{12} = \frac{3}{4}$$

$$12a_{12} = 9 - 1 + 12 \cdot 1 + 12 \cdot 1 - 1$$

$$12a_{12} = 9 - 1 + 12 \cdot 1 + 12 \cdot 1 - 1$$

$$a_1 + 9d = (a_1 + 11d) = a$$

$$10d = a$$

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

$$r(a_1 + r \cdot d) = r a$$

$$r a_1 + \cancel{r \cdot d} - \cancel{a} = r a$$

$$\Rightarrow a_1 + r d = r a - r d =$$

$$\boxed{-12/d}$$

$$r a = -12/d$$

$$a_1 = -12/d$$

1. $r \neq 0$

$$0.1 \times 10^3 \omega \sum \frac{1}{r} = \frac{a}{a_n} = \frac{1}{r}$$

$$10 a_n = a$$

$$r a_n = a$$

$$r(a_1 + r d) = a_1 + r d$$

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

$$r a_1 = d$$

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

10

r

$$\frac{(r t_1 + 11d)(-r d)}{(t_9 + t_a)(t_9 - t_a)}$$

$$= 1d \Rightarrow r = 2 = \boxed{r}$$

$$t_1 = \frac{t_9}{r}$$

$$r = 2 \Rightarrow r = 2 \quad r d = d = a$$

$$t_r = t + 10$$

$$d = \frac{-14 \pm \sqrt{14^2 - 4 \cdot 1 \cdot 15}}{2 \cdot 1}$$

$$d = \frac{-14 \pm \sqrt{196 - 60}}{2} \Rightarrow d = \frac{-14 \pm \sqrt{136}}{2}$$

$$d = \frac{r_0}{r_n - r}$$

$$a_n = a_1 + (n-1)d$$

$$a_{11} = 11 \cdot \frac{r_0}{r_n - r}$$

$$q = \frac{r_0 \cdot n}{r_n - r}$$

$$q = \frac{r_0 \cdot n}{r_n - r} \Rightarrow r_0 \cdot n - 11 = r_n$$

$$r_0 \cdot n = r_n$$

$$n = 11$$

$$n = 11$$

$$n + n + \Sigma = r_0 + a_n$$

$$r_0 + 11 = r_0 \Rightarrow n = 11$$

$$a_n = r_0 + (n-1)d \Rightarrow r_0 + 10d = r_n$$

$$a_1 = r_0 \Rightarrow r_0 + 10d = r_n \Rightarrow a_n = a_1 + 10d$$