

①

$$t_n = t_1 + (n-1)d$$

$$P_{0,1} = \mu\mu_+ + Vn$$

$$\eta = \frac{1VQ}{V} = PQ \rightarrow \boxed{\eta = PQ}$$

$$9V \leq Vn \leq 994 \rightarrow \frac{9V}{V} \leq \frac{Vn}{V} \leq \frac{994}{V}$$

$$\frac{142 - 14}{1} + 1 = 128 + 1 = \boxed{129}$$

$$\text{w} a_{n+r} = -4n+1r \rightarrow a_{n+r} = \frac{-4n+1r}{\text{w}} = -r n + r$$

$$-1 + (-19) = \boxed{-20}$$

$$-P_x \omega + F = -P_y + F \quad \dots 29$$

$$= \mu \times r^{n+1}$$

$$r^x + r^{x+1} + r^{x-1} = r^x \times r^{x+1}$$

$$r^x + r^{x+1} - r^x = r \times r^{x+1} = r^{x+1} + r^{x+1}$$

$$r^x + r^{rx} - r^{x+y} = r$$

$$r^n (1 + r^n - r^r) = K$$

$$r^n (r^n - r) = r$$

$$r^p(r^p - \mu) = F(r - \mu) = \varepsilon \} \rightarrow \mu = r$$

$$\mu \times r^{r+1} = \mu \times r^r = \mu \times 1 = \boxed{r^r}$$

$$z_{1r} - t_{1r} = 0 \rightarrow t_{1r} + v_d - t_{1r} = 0 \rightarrow v_d = 0 = d = v_{1d} \textcircled{a}$$

③ $t_{1r} + t_{1r} = r_Q \rightarrow t_{1r} + r_Q d_{1r} = r_Q$

$$P_{t1.} + Q = P_Q \rightarrow P_{t1.} = P_{.}$$

$$t_{1.} = 1.$$

$$t_{10} + 11d = 10 + 11 \times 2,0 = 10 + 22,0 = 32,0$$

$$a_n + a_{n+r} = a_r + a_{14}$$

(10)

$$a_n = r a_{\frac{n}{r}}$$

$$n + n + r = r + 14 \rightarrow rn + r = r \rightarrow rn = 14 \rightarrow n = 1$$

$$a_n = r a_r$$

$$a_1 + rd = r(a_1 + rd) \rightarrow a_1 + rd = ra_1 + r^2d$$

$$ra_1 - a_1 + rd - r^2d = 0 \rightarrow ra_1 + rd = 0$$

$$\rightarrow a_1 + d = 0 \rightarrow a_1 = -d$$

$$a_1 + (n-1)d = 0 \rightarrow a_1 + nd - d = 0$$

$$-d + nd - d = 0 \rightarrow -rd + nd = 0 \rightarrow \boxed{n = r}$$