

$\frac{\omega}{r}(a_1 + a_\omega) = \frac{1}{r} \left(\frac{\omega}{r} (a_1 + a_\omega) \right)$ $\frac{\omega}{r}(ra_1 + rd) = \frac{\omega}{r} (ra_1 + rd)$ $(\omega a_1 + 10d = \frac{\omega}{r} a_1 + \frac{r\omega}{r} d)$ $10a_1 + r\omega d = \omega a_1 + r\omega d \quad 10a_1 = \omega d$ $ra_1 = d \rightarrow a_1 = \frac{d}{r}$	$\frac{d}{r} = \frac{rd}{r}$ $\frac{rd}{r} = \frac{rd}{r}$ $\frac{rd}{r} = \frac{rd}{r}$	$\frac{d}{r}$
$t_n = t_{n-r} + 10$ $rd = 10$ $d = 10$ $t_q^r - t_\omega^r = (t_q - t_\omega)(t_q + t_\omega)$ $\frac{t_q^r - t_\omega^r}{t_v} = \frac{r_0 d}{t_v} \Rightarrow r_0 r$	$\frac{rd}{r} = \frac{rd}{r}$ $\frac{rd}{r} = \frac{rd}{r}$	$\checkmark$
$\frac{b-a}{n+1} = d$ $\frac{r+\sqrt{r} - (r(1-\sqrt{r}))}{13}$ $\frac{r+\sqrt{r} - r + 13\sqrt{r}}{13}$ $\frac{13\sqrt{r}}{13} = d = \sqrt{r}$	$\frac{r+\sqrt{r}}{13} = \frac{r+\sqrt{r}}{13}$	$\wedge$
$r_{n-1} + r = \sum_{i=1}^n 1$ $an = 11$ $d = \frac{r_1 - r}{r_n - r} = \frac{r}{r_n - r}$ $a_1 + nd = 11$ $r nd = 9$ $n \left(\frac{r_0}{r_n - r} \right) = 9$ $\frac{r_0 n}{r_n - r} = 9$ $r_0 n - 11 = r_0 n$ $4n = 11 \quad n = 11$	$\frac{r}{a_1} = \frac{r}{a_{n-1}}$	9
$t_n + t_{n+1} = t_r + t_v$ $n+n+r = r+v$ $r_n = 14$ $n = 14$ $r = \frac{t_n}{t_r} = \frac{t_n}{t_r} = r$ $r(t_r) = t_n$ $r(t_1 + rd) = t_1 + vd$ $r t_1 + r d = t_1 + vd$ $r t_1 = -rd \quad t_1 = -d$	$t_1 = t_1$ $t_r = t_1 (n-1) \frac{d}{t_1} = 0$ $t_1 + d = 0$	10