

$a_1 + d, r, ad$ $r(a_1 + d)(a_1 + d) = \omega(a_1 + rd)(a) + r(a_1 + d)(a)$ $ra^r + rd^r + 11ad = \omega a^r + 10da + ra^r + rda$ $ra^r + rd^r + 11ad = 10a^r + 11ad$ $rd^r = ra^r + ad$ $\frac{ra^r}{a^r} + \frac{ad}{a^r} - \frac{rd^r}{a^r} = 0 \quad r + \frac{d}{a} - \frac{rd^r}{a^r} = 0$ $r(\frac{d}{a}) - \frac{d}{a} - r = 0 \quad \frac{d}{a} = \frac{r}{r}$ $\frac{a}{d} = \frac{a_1 + rd}{d} = \frac{a}{d} + r$ $\frac{r}{r} + r = \frac{r}{r}$ $-r + r = 1$	r
a, b, c $a = b - d \quad b, \frac{b-d}{r}, \frac{b+d}{r}$ $c = b + d$ $\frac{(b-d)^r}{r} = \frac{b(b+d)}{r} = \frac{b^r + d^r - rbd}{r} = \frac{b^r + bd}{r}$ $b + d^r = b + rbd \quad d^r = rbd \quad d = rb$ $1 \times r = -r$	r
a, b, c $\frac{b}{q}, h, bq$ $\frac{rb + bq}{r} = \frac{rb}{q}$ $b(r+q) = \frac{rb}{q}$ $\frac{a}{q} = \frac{a_1 q^r}{a_1 q^r} = q^r \quad (-r)^r = -r$ $q^r(r+q) = r \quad (q+r)(q-1) = 0$	r
$\frac{a_1 q^r}{a_1 q^r} + \frac{a_1 q^r}{a_1 q^r} = r$ $\frac{q^r}{a^r} + \frac{q}{a} = r$ $\frac{q^r}{a^r} + \frac{q}{a} - r = 0 \quad (\frac{q}{a} - 1)(\frac{q}{a} + r) = 0$	r
$a_r = \sqrt{a_r}$ $a_1 a^r = \sqrt{a_1 a^r} \rightarrow \sqrt{a_1 a^r} q$ $a_1 a^r = q \sqrt{a_1 a^r}$ $\frac{1}{\sqrt{a_1 a^r}} \quad a_1 a^r \times q^r = r \quad q = r$ $\frac{1}{r} - \frac{1}{r} = \frac{r}{r} - \frac{r}{r} = \frac{1}{r}$	1.

$$\sqrt{r} = 1$$