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$$ag^{n-1} = \frac{1}{r} x r^1, r^2 = r^4$$

$$g^2, \frac{a^{11}}{a^{11}}, r^2, r^4$$

$$g^2, a^2, a^{10}, a^2$$

$$\sqrt{a^2, r^2}, a^2$$

$$\frac{1}{r} x r^2, r^2, r^2$$

$$\frac{1}{r} g^2, r^2, r^2, n=9$$

$$a = a, g^2, g^2, r^2, r^2, g^2, r^2$$

$$a = 94 \times 2, 5, 12$$

$$a^2, r^2, a^2, r^2$$

$$(a^2, a^2), r^2, r^2, r^2, r^2, r^2, r^2$$

$$a^2, r^2, 14 \times 2, r^2, a+b, r^2$$

$$a+b, \frac{a+b}{r}, \frac{a+b}{r}$$

$$a_1 a_2 = a_1 a_2$$

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$$(1-x)(x+1) = x^2$$

$$\frac{1}{x} = \frac{1}{x}$$

$$a_1 + a_2 = 1 \quad \frac{a_1(1+g^2)}{a_1+g^2} = \frac{1}{1+g} \quad \frac{(1+g)(g^2+1-g)}{1+g} = \frac{1}{1+g}$$

$$1-g^2+1-g^2 = 2-2g^2$$

$$g^2+1-1-g^2 = 0 \quad a_1+g^2 = a_1(1+g^2) \quad a_1(1+g^2) = 1 \quad a_2 = 1$$

$$g^2-1-g^2+g^2 = 0 \quad g < \frac{1}{2} \quad a_2 = 1 + a_1(1+g^2)$$

$$a_1+g^2+g^2 = 1 \quad \frac{1}{g} + \frac{1}{g} + \frac{1}{g} = 1 \quad \frac{1}{g} + \frac{1}{g} = 1-g$$

$$\frac{1}{g} = \frac{1}{g} \quad \frac{1}{g} = \frac{1}{g} \quad \frac{1}{g} = \frac{1}{g}$$

$$g^2 = \frac{1}{g} \quad \frac{1}{g} = \frac{1}{g}$$

$$\sum_{i=1}^n a_i \left( \frac{g^i-1}{g-1} \right) = 1 \quad \frac{1}{g} = \frac{1}{g} \quad \frac{1}{g} = \frac{1}{g}$$



$$(a, a_1) = (a_1^r g^a)^0 \varepsilon(\varepsilon_1^r)$$

$$ag - a = ag - 1, a, ag, ag^r, ag^r, ag^r, \dots$$

$$ag^r - ag^r = ag^r(g-1) + ag(g-1)$$

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$$a_1 + a_2 + \dots + a_n$$

$$n(a_1) + (d + (n-1)d + \varepsilon d + d) + \dots + (n-1)d$$

$$n(a_1) + \frac{d(n-1)(n)}{2} = \frac{n}{2}((a_1) + d(n-1))$$

$$S_n = S_{n-1} + (a + ag + ag^r + \dots + ag^{n-1}) = (ag + ag^r + \dots + ag^{n-1})$$

$$S_n - S_{n-1} = a - ag^n$$

$$S_n(1-g) = a(1-g^n)$$

$$S_n = \frac{a(1-g^n)}{1-g}$$

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