

~~Ko~~

$$d, 9, 13, 17, \dots \quad a_n = f(n+1)$$

$$a_n = f(x)_{n+1} = f(1)$$

$$9, 10, 11, 12, \dots \quad S_n = \frac{n}{2} (a_1 + (n-1)d)$$

$$S_{10} = \frac{10}{2} (10 + 9 \times 1) = 5 \times 19 = 95$$

$$\frac{a}{r_0} + \frac{a}{r_0} + \frac{a}{r_1} + \frac{a}{r_2} = f_0 + 11d = f(4) + 11d(f) = f_4$$

$$1, \sqrt{r}, r, r+\sqrt{r}, \dots$$

$$\frac{a}{r_0} - \frac{a}{r_n} = (1-\sqrt{r}) \times r_0 + \sqrt{r} - ((1-\sqrt{r}) \times r_n + \sqrt{r})$$

$$a_n = (1-\sqrt{r})n + \sqrt{r}$$

$$= r_0 - r_0\sqrt{r} + \sqrt{r} - r_n + r_n\sqrt{r} - \sqrt{r} = r_0 - r_n\sqrt{r}$$

$$r_0 \times r_n = r_0 \times r_n$$

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$$x, y, z \rightarrow f = x, y, z \rightarrow f = x \quad \boxed{x=1}$$

$$xy = 1 \times 2 = 2$$

$$f(f(x-1)) = f(x-1) + 4x \quad f\left(\frac{1}{4}\right) = f, f\left(\frac{1}{4}\right) = 1, f\left(\frac{1}{4}\right)$$

$$f_2 = f \circ f = f$$

$$1 = f, 1 = 1, r$$

$$f_2 = f \circ f, x = \frac{1}{4}$$

$$\frac{r}{r}, \frac{r}{r}, \frac{r}{r}, \dots$$

$$a_n = r_n - 4 \quad a_f = f(f) = 4 = 4$$

$$\frac{r}{r}, \frac{r}{r}, \dots, b_n = r_{n-1} \quad \frac{r}{r}, \frac{r}{r}, \dots, a_n = r_{n+1}$$

$$c_n = 4n - 1 \quad 4n - 1 < f(1)$$

$$a_{r_0} \geq f(1) \quad 4n < f(r) \quad n < \sqrt{r}$$

$$b_{r_0} = a_9$$

$$a_1 + a_2 + a_3 + \dots + r_1 = r_1 + r_2 + r_3 + \dots + r_n \rightarrow a_1 + d = V$$

$$a_1 + a_2 + a_3 + \dots + r_1 = r_1 + r_2 + r_3 + \dots + r_n \rightarrow a_1 + r_2 = r_1 + d$$

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$$a_1 + r_1 = r_1 + d \rightarrow a_1 = r_1 + d$$

$$a_1 + a_2 + a_3 + \dots + r_1 = r_1 + r_2 + r_3 + \dots + r_n \rightarrow a_1 + r_2 = r_1 + d$$

$$-1ad = -fa \rightarrow \boxed{d=r}$$

$$a_1 + d = a_2 \rightarrow a_2 = a_1 + d \rightarrow a_n = a_1 + (n-1)d$$

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

$$q(a_1 + r_2) = r_2(a_1 + d) \rightarrow q_1 + r_2d = r_2a_1 + r_2d$$

$$\frac{a_1 + r_2}{a_1} = \frac{a_1 + r_2}{a_1 + r_2} \rightarrow \frac{a_1 + r_2}{a_1} = \frac{r_2a_1 + r_2d}{r_2a_1}$$

$$a_1 = 11 \rightarrow a_1 + r_2d = r_2a_1 \rightarrow 11 + r_2d = r_2a_1 \rightarrow d = r_2 \rightarrow a_n = f_n + V$$

$$a_n = f_n + V \rightarrow r_2 = r_2 \rightarrow b_n = r_2$$

$$b_1 + r_2d = r_2 \rightarrow b_1 = r_2 \rightarrow d = r_2$$

$$a_n = f_n + V \rightarrow \boxed{n = f}$$