

Subject:

Year:

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$$a, 9, 13, 17$$

$$d = 4$$

-۱

$$r_{n+1} + 1 = r_n$$

$$r_{n+1}$$

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$$r_{n+2} \Rightarrow \text{جمله ی } n+2$$

$$\frac{1}{r} \left(\frac{r}{r} + \frac{r}{r} \right) = r$$

$$(r)$$

$$r_9 \times r_{11} = 117$$

$$r_{11} = 11$$

$$r_9, r_{10}, r_{11}, r_{12}$$

$$(r)$$

$$r_{12} \times r_{10} = 129$$

$$\frac{1}{r} (117 + 129) = r$$

$$r - \sqrt{r} - r = 1 - \sqrt{r} = d$$

$$r d - r r = r$$

$$r \times (1 - \sqrt{r}) = r - r \sqrt{r}$$

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$$a = d^r, r_x(d^r), d^y$$

$$(r \times d^r) - d^r = d^y - (r \times d^r) \Rightarrow d \times r d^r = d^y \Rightarrow r_{x+1} = y$$

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$$b = x, r, y$$

$$r - x = y - r \Rightarrow y = r - x$$

$$r - x = r_{x+1}$$

$$x = 1, y = 3$$

$$x, y = 3$$

$$r_{x-1} - r - r_{x+1} = r_{x-1} - r_{x+1} \Rightarrow r_{x+1} = r \Rightarrow x = \frac{1}{r}$$

$$d = 3, r \times \frac{1}{r} + 3 = 6$$

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$$a_n = r, d, V \Rightarrow a_n = r_{n+1} \rightarrow a_r = r_1$$

$$a_n \cap b_n = r_{n-1}$$

$$r_{n-1} \leq r_1$$

-۶

$$b_n = r, d, \Delta \Rightarrow b_n = r_{n-1} \rightarrow b_r = \Delta 9$$

$$n \leq V$$

$$V = 9$$

$$a_1 + a_r + a_r = r_1$$

$$a_r = \frac{r_1}{r} = V$$

$$a_1 + V + r d = r_1$$

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$$a_1 + a_r + a_d = 1 + d$$

$$a_r = \frac{1+d}{r} = r d$$

$$a_1 = -r_1$$

$$\frac{a_r - a_r + a_1}{a_1} = \frac{r d - V - r_1}{-r_1} = -\frac{1}{r}$$

$$a_1 + a_r + a_r = 12$$

$$a_r = d$$

$$a_1 + d + a_1 + r d = 12 \Rightarrow r a_1 + r d = 12$$

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$$a_r + a_d = r d$$

$$a_1 + r d + a_1 + r d = r d \Rightarrow r a_1 + V d = r d \Rightarrow d = r, a_1 = r$$

$$a_1 = a_r + a_d$$

$$d + r r = r_9$$

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$$S_q = r S_w \quad \frac{q}{r} (r a_1 + 1 d) = q \left(\frac{r}{r} (r a_1 + r d) \right) \Rightarrow q a_1 + r q d = r v a_1 + r v d$$

$$1 \wedge a_1 = q d \quad a_1 = \frac{d}{r}$$

$$\frac{a_r}{a_v} = \frac{a_1 + 1 q d}{a_1 + r d} = \frac{\frac{r q d}{1}}{\frac{d + 1 r d}{r}} = \frac{r q d}{1 r d} = r$$

$$a_1 = 11 \quad a_v = r d \quad d_n = \frac{a_v - a_1}{v - 1} = \frac{r d - 11}{r} = r$$

$$b_1 = r n \quad b_n = 1 r \quad a_n = r n + v \quad a_f = 1 r + v = r r$$

$$a_f = b_f \quad b_f = r r \quad ~~b_n = r n~~ \quad d_b = \frac{b_f - b_1}{r - 1} = \frac{r r - r n}{r} = - d$$

$$a_f = b_f \quad \frac{1 r r}{-d} = d = \text{value}$$

$$r = \frac{b - 1}{a}$$