

$$\frac{a}{r}, a, ar \rightarrow \frac{a}{r} = a = ar \rightarrow a = r$$

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$$\frac{r}{r} + r + r = 1 \rightarrow 1 + r = \frac{r}{r} \rightarrow r = \frac{1}{2}$$

$$r = \frac{1}{2}$$

مثلاً مثل $r = \frac{1}{2}$
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$$n^r, n, n^{-r}$$

$$n^r \rightarrow 1, r, r \rightarrow q = \frac{1}{r} \checkmark$$

$$(n^r - r)(n^r + r) = n^{2r}$$

$$n^{r-2} \rightarrow 1, -r, r \rightarrow q = \frac{1}{r} \checkmark$$

$$n^r + n^{-r} - 1 = n^r$$

$$1, r, r, \frac{1}{r}, \frac{1}{r}, \frac{1}{r}, \frac{1}{r} \Rightarrow \frac{1}{14} + 1 = \frac{15}{14}$$

$$n^r - n^{-r} - 1 = 0 \rightarrow \frac{n^r + r}{t=r, t=r-2} \rightarrow n^r = 1 \checkmark \rightarrow n = \pm r$$

$$15, 13, 11, 9, 7, 5, 3, 1$$

$$a_1 + a_2 + a_3 + a_4 + a_5 = a_1 + a_2 q + a_3 q^2 + a_4 q^3 + a_5 q^4$$

$$= a_1 (1 + q + q^2 + q^3 + q^4) \rightarrow 111 \times \frac{111}{11} = 1111$$

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$$1, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 \rightarrow 13, 15 = A = \frac{1}{2}, 16$$

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$$15, 16$$

$$1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 \rightarrow B = 1$$

$$A + B = 13, 15 + 1 = 14$$

$$q = -2 \rightarrow B = -1 \rightarrow A + B = 12, 14$$

$$\frac{-95}{r} + 12 = \frac{1}{r} \quad q_{1.1} = -24 + 25 = 1$$

$$11, 12, 13$$

$$\frac{121}{r} = q \rightarrow q = 1$$

$$a_1 = a_1 \times q^n = 1 \rightarrow 121 q^n = 1 \rightarrow q^n = \frac{1}{121}$$

$$q = \frac{1}{11}$$

$$a_1 + rd = \frac{t}{r}$$

$$a_1 + 4d = +$$

$$a_1 + ad = tr$$

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$$\psi(a, r), \psi(a, r^*), a, r^* \rightarrow a,$$

$$\gamma_{a,r}^w, \gamma_{a,r}^v, a_{r,r}^u$$

$$Var^v = \frac{a_{i,r}^w + \psi a_{i,r}}{r} \rightarrow c_{a_{i,r}}^v \leq a_{i,r}^v (r + \psi)$$

$$r_1 r_5 r_4^r w$$

$$r^Y - cr + w_s.$$

خلفه حقون مت
صبر

11 VaD

A

$$r, \frac{V}{\varepsilon}, \frac{q}{\varepsilon}, \dots, d_s = \frac{1}{\varepsilon}$$

$$a_c = \frac{D}{\varepsilon} + n \quad \checkmark$$

$$a_{12} = \frac{1}{2} \text{ cm}$$

~~$$a_n = \frac{n}{n+1}$$~~

~~$$\left(\frac{1}{\epsilon} r_m\right)' = \left(\frac{10}{\epsilon} r_m\right) \left(-\frac{1}{\epsilon} r_m\right)$$~~

~~$$n^v + \frac{1}{14} + \frac{n}{v} = n^v + \frac{1}{v} = \frac{10}{14}$$~~

~~$\frac{1}{\varepsilon}, -\frac{\mu}{\varepsilon}, -\frac{V}{\varepsilon}$~~

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$$a_1 = a_1 r^w + a_1 r^y = v_{10} \rightarrow a_1 (1 + r^w + r^y) = v_{10} \quad \checkmark$$

$$a_1 + a_1 d + a_1 d^2 + \dots + a_1 d^{n-1} = \frac{a_1(1-d^n)}{1-d} \rightarrow \frac{1(1-10^{-10})}{1-10} = \frac{1-10^{-10}}{-9} \approx -0.1111111111$$

$$a_1 = a_1$$

$$a_{i,r} = a_{i,d}$$

$$a_i^v = a_i \cdot id$$

(e) 122

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