

$$\begin{aligned} (rx)^r &= (x^r - r) \times (x^r + r) \rightarrow rx^r, x^r + rx^r - 1 \rightarrow x^r - rx^r - 1, 0 \rightarrow \Delta = b^r - f_{ac}, f_r = f(1) = (-1) = 14 - r \\ \rightarrow x^r &= \frac{-b \pm \sqrt{\Delta}}{r_a} \xrightarrow{2^0} \frac{r + \sqrt{14}}{r} = \frac{1}{r}, r \rightarrow x = \pm r \begin{cases} \ominus \rightarrow 1, -r, r \propto \\ \oplus \rightarrow 1, r, r \checkmark \end{cases} \Rightarrow \underline{x = r} \xrightarrow{2^0} \underline{2 = \frac{1}{r}} \end{aligned}$$

دعویٰ صحابی $\rightarrow d = \frac{9x-1}{9} = 1, 6 \rightarrow 1, 11, 16, 22, \underline{32}, 40, 47, 55, 62$
A

سبع طلبة
هندسي $\rightarrow 9^4 \frac{4E}{1} : 4E \rightarrow 9^4 \rightarrow 1, 2, E, \underline{A}, 14, 32, 4E$
B

$$q = -1$$

$$B = \wedge$$

$$A + B = r_d \omega$$

$$d_s + \frac{1}{f} \rightarrow a_n = d(n-1) + a_s(-r\varepsilon) + \frac{1}{\varepsilon}(n-1), \frac{1}{f}n - r\varepsilon, r\varepsilon \rightarrow a_{n+1} = \frac{1}{f}(1.1) - r\varepsilon, r\varepsilon \approx 1$$

$$b_n = b_2^{n-1} = K \wedge x_2^{n-1} \rightarrow b_n = 1, K \wedge x_2^V = (r_2)^V \rightarrow (r_2)^V \approx 1^V \rightarrow r_2 = 1 \rightarrow \left(2 \approx \frac{1}{V}\right)$$

$$\rightarrow (a+yd)^p = (a+yd)(a+yd) \rightarrow a^2 + 12ad + 34d^2, a^2 + 10ad + 14d^2 \rightarrow y \cdot d^2, -2ad$$

$$r = \frac{a_z}{a_y} = \frac{a_r + \gamma(d)}{a_r}, \frac{a_r + \gamma\left(\frac{a_r}{r}\right)}{a_r} = \underline{\gamma} \rightarrow b_{1.} = b_1 \times r^q \rightarrow b_{1.} = \frac{1}{\gamma} \times r^q, p^v \text{ (12\%)} \quad -v$$

$$r_1, r_2, a_1, \dots \rightarrow r(r_1 r_2), r_1 r_2 + a_1^r \rightarrow r_1 r_2, a_1(r_1 + r_2) \rightarrow r_1, r_1 + r_2 \rightarrow r_1 - r_2 + r_1 = 1$$

$$\rightarrow (r-1)(r-2) = 0 \rightarrow r=1 \text{ چون جملات مساوی اند } r \neq 1$$

$$a_1, a_2, a_3 \rightarrow a_1, a_1 + r, a_1 + 2r \xrightarrow{+c} a_1 + c, (a_1 + r) + c, (a_1 + 2r) + c \xrightarrow{a_1 + c = k} k, k+r, k+2r$$

$$\rightarrow (k+r)^2, k(k+r) \rightarrow k^2 + 14d + 14dk = k^2 + 14kd \rightarrow 14d, kd \rightarrow k, 14d$$

$$\Rightarrow r = \frac{k+14d}{k} = \frac{14d}{k} = \left(\frac{14}{k}\right)$$

$$a_1, a_2, a_3 \rightarrow a, ar^2, ar^4 \rightarrow (a+d)^2, a(a+d) \rightarrow a^2 + d^2 + 2ad, a^2 + 9ad$$

$$a_1, a_2, a_3 \rightarrow a, a+d, a+9d \rightarrow d^2, Vad \xrightarrow{d \neq 0} d, Va \rightarrow a, \frac{d}{V}$$

$$\rightarrow a+a+d+a+9d = 4a+10d, 3\left(\frac{d}{V}\right) + 10d = \frac{3d}{V} + \frac{10d}{V} = \frac{13d}{V} = 13 \rightarrow \frac{d}{V} = 1 \rightarrow d, V$$

$$q=1$$

$$ra = \frac{1}{r} \rightarrow a = \frac{1}{r}$$

$$d = ar^q - a = \frac{1}{r} - \frac{1}{r} = 0$$