

نام و نام خانوادگی (صدرا رابعی) پاسخنامه تشریحی تکلیف شماره ۱۵ کلاس (هم نهم) A

$$a_1 + a_2 + a_3 = 21 \xrightarrow{a_2=4} \frac{a_2}{q} + a_2 + a_2 q = 21 \rightarrow \frac{4}{q} + 4 + 4q = 21$$

$$a_1 \times a_2 \times a_3 = 74 \rightarrow a_2 = \sqrt[3]{74} = 4 \quad \xrightarrow{\times q} \quad 4 + 16 + 4q^2 = 21q$$

$$\rightarrow 4q^2 - 17q + 4 = 0$$

$$\rightarrow 4 = \frac{1}{\frac{1}{4}}, \quad 4 \rightarrow 2, 2$$

$$\sum u^r = u^r + 2u^r - 1 \rightarrow u^r - 2u^r - 1 = 0 \rightarrow (u^r - 2)(u^r + 1) = 0$$

$$(u - 2)(u + 1)$$

$$\rightarrow u = \oplus 2 \rightarrow 1, 4, 2, \dots$$

$$\rightarrow S_u = 1 \times \left(\frac{1 - \frac{1}{\frac{127}{121}}}{\frac{1}{2} + \frac{1}{2}} \right) = 1 \times \frac{127}{32} = \frac{127}{32}$$

$$1 + q + q^2 + q^3 + q^4 = \frac{121}{11}$$

$$a_1 = 121$$

$\times$

$$a_1 + a_1 q + a_1 q^2 + a_1 q^3 + a_1 q^4 = \frac{121}{11}$$

$$S_5 = 121$$

$$\Delta = \frac{4\epsilon + 1}{4} = \frac{4\omega}{4} = \omega$$

$$\Delta = \sqrt{4\epsilon + 1} = \pm 1$$

$$\Delta + B = \begin{cases} \omega + 1 = \epsilon + \delta \\ \omega - 1 = \epsilon + \delta \end{cases}$$

$$\frac{-94}{\epsilon}, \frac{-9\omega}{\epsilon}, \frac{-9\epsilon}{\epsilon}, \dots \rightarrow d = +\frac{1}{\epsilon} \rightarrow a_{101} = \frac{-94}{\epsilon} + 100 \times \frac{1}{\epsilon}$$

$$a_n = \frac{-94}{\epsilon} + (n-1)d$$

$$a_1 = 121 \times r^V = 1 \rightarrow r = \frac{1}{\epsilon}$$

$$\boxed{V = 1 - V = P}$$

$$1 = b_1 - V = \frac{PV}{P} = \frac{(1-b)(b_1b)}{P} \quad \text{و} \quad 1 = b_0 \quad \text{و} \quad 1 = b_0 \quad \text{و} \quad 1 = b_0$$

$$PV = (1-b)(b_1b) \quad \text{و} \quad PV = b_1b - b_1b \quad \text{و} \quad P = (1-b)(b_1b) \quad \text{و} \quad P = b_1b - b_1b$$

$$1 = \frac{3}{5} = \frac{3}{b} + \frac{1}{1} \times \frac{3}{5} \quad \text{و} \quad \frac{3}{5} = \frac{3}{b} + \frac{1}{1} \times \frac{3}{5} \quad \text{و} \quad \frac{3}{5} = \frac{3}{b} + \frac{1}{1} \times \frac{3}{5}$$

$$0 = 1 + b_3 - b_1 \quad \text{و} \quad (b_1 + b_3) = b_1 \quad \text{و} \quad b_1 = b_1 \quad \text{و} \quad b_1 = b_1$$

$$1 = b_1 - \frac{1}{3} = \frac{2}{3} \quad \text{و} \quad P = \frac{2}{3} = b_1 - \frac{1}{3} = \frac{2}{3} \quad \text{و} \quad P = \frac{2}{3} = b_1 - \frac{1}{3} = \frac{2}{3}$$

$$PV + b_1 = P_1 + b_1 \quad \text{و} \quad P_1 + b_1 = P_1 + b_1 \quad \text{و} \quad P_1 + b_1 = P_1 + b_1$$