

$$\{1\} \quad \{2, 3, 4\} \quad \{5, 6, 7, 8, 9\}$$

$$\left. \begin{array}{l} \overline{\text{عدد}} = n \\ \text{عدد} (n-1)+1 \end{array} \right\} \Rightarrow \frac{45+1}{2} = 23 \checkmark$$

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$$\{1, 2, 3\} \quad \{4, 5, \dots, 12\} \quad \{13, 14, \dots, 24\} \quad \{25, 26, \dots, 36\} \quad \{37, 38, \dots, 48\}$$

$$\Rightarrow \frac{121+2443}{2} = 252 \checkmark$$

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$$a_1, a_2, a_3 \rightarrow \text{مقدار} \quad a_1, a_2, a_3 \rightarrow \text{مقدار} \quad a_1, a_2, a_3 \rightarrow \text{مقدار}$$

$$1 = 1 + 2 + (1+2) + 2 + (1+2) + 2 + \dots + (2+2) + 1 = 19 + 1 = 20 \checkmark$$

$$h = \left[\frac{n}{k+r} \right] - r \xrightarrow{n=3k+r} \left[\frac{3k+r}{k+r} \right] - r = \left[\frac{k-r}{k+r} \right]$$

$$\rightarrow -r \checkmark$$

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$$\left. \begin{array}{l} \frac{1}{v} \cdot \frac{1}{x} = \frac{1}{0} \Rightarrow \frac{1}{0} + 0b + C = 0b + C = 19 \\ \frac{29}{0} + 0b + C = 0b + C = 29 \end{array} \right\} \Rightarrow x = -1, b = 2$$

$$\frac{z_{10}}{z_1} = \frac{\frac{1}{x}}{\frac{1}{x}} = 0 \checkmark$$

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$$\left. \begin{array}{l} b_r \rightarrow a + rd = b_r \\ b_v \rightarrow a + vd = b_v \end{array} \right\} \Rightarrow b_v - b_r = \epsilon d$$

$$\xrightarrow{\text{مقدار}} b_r = C_1 + k \quad b_v - b_r = V_C + k - (r_C + h) = 0C \quad \left\{ \Rightarrow \epsilon d = 0C \checkmark \right.$$

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$$\Rightarrow 1 \cdot C + k = 0 \Rightarrow k = -1 \cdot C \quad \frac{b_{10}}{a} = \frac{10C - 1 \cdot C}{\frac{1}{x} C} = \epsilon \checkmark$$

$$a \rightarrow \text{مقدار} \quad b \rightarrow \text{مقدار}$$

$$4a^r + \epsilon d + \epsilon d^r = 0a^r + 1a\epsilon + \epsilon a^r + \epsilon b \Rightarrow a = -\epsilon d$$

$$a = \epsilon d \Rightarrow a_\epsilon = a + \epsilon d \quad \begin{cases} a_\epsilon = d \\ a_\epsilon = \frac{1}{\epsilon} d \end{cases} \quad \checkmark$$

(Y)

$$\frac{a^r}{\epsilon} \cdot \frac{C}{\epsilon} \cdot b \Rightarrow a^r = \epsilon b \cdot a^r \cdot (a - d) \cdot (a + \epsilon d) \Rightarrow a^r = a^r + \epsilon a d + \epsilon d^r$$

$$\Rightarrow \epsilon a d = -\epsilon d^r \Rightarrow \cancel{\epsilon} = -1 \Rightarrow \epsilon r = -\epsilon \quad \checkmark$$

(Y)

$$\epsilon a - C = \epsilon b - \epsilon a \Rightarrow \epsilon a - a r^r \cdot (a r)^r - \epsilon a \stackrel{a}{\div} \rightarrow \epsilon - r^r \cdot \epsilon r - \epsilon \Rightarrow r = -\epsilon \quad \checkmark$$

$$\frac{T_9}{\epsilon} \cdot r^r = (-\epsilon)^r = -\epsilon \quad \checkmark$$

(Y)

$$\frac{a r^r}{r^r r^r} \cdot \frac{a r}{a^r} = r \Rightarrow \epsilon a^r - a r - r^r = \dots \Rightarrow r = -\epsilon a \Rightarrow \frac{a^r}{a^r} = \frac{a^r}{a r}$$

(Y)

$$\frac{a^r}{a^r} = 1 \quad , \quad \frac{a^r}{-\epsilon a^r} = \frac{1}{r} \quad \checkmark$$

$$r^r = a_\epsilon \Rightarrow a r^r \epsilon = a r^r \cdot a \Rightarrow \frac{1}{r} \Rightarrow a_0 = \epsilon u \Rightarrow r = \epsilon \quad \checkmark$$

$$1 > \frac{1}{r} \Rightarrow \frac{1}{r} - \frac{1}{r} > \frac{1}{r} \quad \checkmark$$

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