

باسن مغیطافه شین

{13, 12, 3, 14, 10, 5, 6, 8, 9}

$$a_1 = (k-1) \times 1 = 1 \quad k=2 \rightarrow (2-1) \times 1 = 1 \quad 1, 2, 3, 4, 5, 6, 7, 8, 9$$

$$9 \times 1 = 9$$

$$\frac{9+11}{2} = \frac{144}{2} = 72$$

✓

$$m_1 = 1 \quad / m_2 = 3 \times 1 + 1 = 4 \quad / m_3 = 5 \times 3 + 1 = 16 \quad / m_4 = 7 \times 16 + 1 = 113$$

$$m_2 = 3 \times 40 + 1 = 121 \quad \rightarrow 3 \times 121 = 363$$

$$\frac{121+363}{2} = 242$$

✓

②

$$a_1 = 1 \quad 3k$$

$$a_1 = 3 \quad 3k+1 \rightarrow 10, 13, 16, \dots$$

$$a_2 = 1 + a \quad 3k+2 \rightarrow 2, 5, 8, 11, 14, \dots$$

$$a_3 = 2 \quad a_4 = 5 \quad a_5 = 8$$

$$a_6 = 2 \quad a_7 = 0$$

$$a_8 = 1 + a \quad a_9 = 2 + a$$

✓

$$10 + 13 + 16 + 19 + 22 + 25 + 28 + 31 + 34 + 37 + 40 + 43 + 46 + 49 + 52 + 55 + 58 + 61 + 64 + 67 + 70 + 73 + 76 + 79 + 82 + 85 + 88 + 91 + 94 + 97 + 100$$

$$2a + 3a + 1a$$

$$a_1 + a_2 + a_3 + \dots + a_{2n} \rightarrow 1010$$

$$10a + (1 + 1 + 2 + 2 + \dots + 2) = 10a + 10 \rightarrow 10(-2) + 10 = -10$$

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$$\begin{cases} t_D = r_D a + \omega b + C = 14 \\ t_V = \varepsilon a + v b + C = 17,2 \end{cases} \Rightarrow 12a + b = 1,4$$

ضرب در ۱۲ در دو طرف معادله اول

$$a = \frac{1}{v} (-t_D) \rightarrow a = -\frac{1}{\omega}$$

$$12a + b = 1,4 \rightarrow 12(-\frac{1}{\omega}) + b = 1,4 \rightarrow b = \varepsilon$$

$$\frac{t_D}{t_1} = \omega$$

$$t_D = r_D (-\frac{1}{\omega}) + \omega (\varepsilon) + C = 14 \\ C = -1$$

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$$\begin{cases} a \varepsilon = b r \rightarrow a_1 + r d = b r \\ a_1 = b v \quad a_1 + v d = b v \end{cases} \rightarrow \begin{cases} \varepsilon d = b v - b r \\ b c = \varepsilon d \end{cases}$$

$$b n = c n + k \rightarrow b v - b r = \omega c$$

$$b_1 = 0 \rightarrow 1 \cdot c + k = 0$$

$$\frac{a_1 \varepsilon}{d} = \frac{1 \cdot c - 1 \cdot c}{d} = \varepsilon$$

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$$4(a+d)^2 = \omega a(a+rd) + r a(a-d)$$

$$ra^2 + ad - 4d^2 = 0$$

$$a = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} \quad , \quad a = \frac{-d \pm \sqrt{d^2 - 4ad}}{\varepsilon}$$

$$a = -rd \rightarrow \frac{a \varepsilon}{d} = 1$$

$$a = \frac{rd}{r} \rightarrow \frac{a \varepsilon}{d} = r, p$$

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$$\begin{cases} a, b, c \text{ صحیح } b = \frac{a+c}{r} \\ b = \frac{a}{r}, \frac{c}{\varepsilon} \text{ صحیح } \frac{a^2}{\varepsilon} = b \times \frac{c}{\varepsilon} \end{cases} \rightarrow (rb - c)^2 = bc$$

$$b = c \quad \varepsilon b = c \quad \xrightarrow{\text{حاصل}} \frac{a + \varepsilon b}{r} = b \rightarrow a = -rb$$

$$b = -b, b \xrightarrow{q=-1} r q = -r$$

ن می باشد و است.