

$t_n: 8, 9, 10, 11, \dots \Rightarrow E_{n+1} \Rightarrow \sqrt{x} \Rightarrow a_n: E_{n+1}$ ۲۰ (الف)

$a_{n+2} = (E_{n+1}) + 1 = \textcircled{E_1}$ (ب)

$t_n: 9, 10, 11, 12, \dots \Rightarrow a_n: E_{n+1} \Rightarrow a_{n+2} = E_{n+1} \Rightarrow S_n = \frac{F_{n+1} + 4}{2} \Rightarrow x_{n+2} = \textcircled{2E_1}$ (الف)

$E_{n+1} = 12$ $a_{n+2} = \dots + a_{n+1}$
 $a_{n+2} = (E_{n+1}) + 2 = 14$ $\frac{12 + 14}{2} \times 2 = 26$ $26 \times 2 = 52$
 $a_{n+3} = (E_{n+2}) + 2 = 16$ ۲۰ (ب)

$t_n: 1 + \sqrt{2}, 2 + \sqrt{2}, 3 + \sqrt{2}, \dots \Rightarrow d_n: 2 - 1 - \sqrt{2} = \textcircled{1 - \sqrt{2}}$
 $d_n: 1 - \sqrt{2}$ $t_{n+2} - t_{n+1} = d$ $\frac{E_{n+1}(1 - \sqrt{2})}{2} = \textcircled{2 - \sqrt{2}}$ (ب)

$a_n: 8, 9, 10, 11, \dots \Rightarrow a_{n+2} = 8$ $\delta^4: (2 \cdot \delta^4) + (2 \cdot \delta^4) \Rightarrow \delta^4(2+2) = 4$
 $\delta^4 \times \delta = \delta^4$ $y = 2n+1$
 $y = 2(E-4) + 1 \Rightarrow y = 1 - 4 + 1$
 $y = 9 - 4 = 5$ $2y = 9$ $y = 2$ $n = 1$
۲۰ $n = 1$ $\textcircled{n = 1}$ (ب)

$t_n: 1, 2, 3, 4, \dots \Rightarrow E_{n+1} = 2$ $E_{n+2} = 1$ $F_{n+2} = 2$ $\textcircled{n = \frac{1}{2}}$
 $1 - 2, 2 - 3, 3 - 4, \dots \Rightarrow -1, -2, -3, \dots \Rightarrow \textcircled{d = 2}$ $a_n: 2n - 4$
 $a_n: 2 \times 2 - 4 = \textcircled{0}$ (ب)

$$a_n = 2d/V_1 \dots b_n = 2d/V_1 \dots$$

$$r_{n+1} \approx (r_n) + 1 \approx \epsilon$$

$$c_{n-1} \approx (c_n) - 1 \approx \delta$$

$$r_{n+1} = r_n - 1$$

$$d_{p.5} \approx 4$$

$$d_1, 11, 10, \dots$$

$$n=2$$

$$c_{n-1}$$

$$q_n - 1 \approx \epsilon$$

$$a_n \approx \epsilon$$

$$n \approx V$$

$$UV$$

$$a_1, c_1, r_1, a_2, c_2, r_2$$

$$c_{n1} + v_{d1} = 1$$

$$a_1 + a_2 + a_3 = 1.8$$

$$c_{n1} + v_{d1} = 1.1$$

$$a_p - a_r + a_1 = ?$$

$$a_1$$

$$\frac{d+a_1}{a_1} = \frac{r_1+1}{-1}$$

$$\left(-\frac{V}{1}\right) = \left(-\frac{1}{1}\right)$$

$$c_{n1} + c_{d1} - c_{n1} - v_{d1} = 1.1$$

$$+ v_{d1} = 1.1$$

$$d_1 \approx 1.1$$

$$a_1 \approx 1.1$$

$$c_{n1} + c_{d1} = 1.8$$

$$c_{n1} + v_{d1} = 1.8$$

$$r_1 \quad c_{n1} + v_{d1} = 1.8$$

$$c_{n1} + v_{d1} = 1.8$$

$$r_1 \quad c_{n1} + v_{d1} = 1.8$$

$$c_{n1} + v_{d1} = 1.8$$

$$1.8 d_1 \approx 1.8$$

$$c_{n1} + 1.8 = 1.8$$

$$c_{n1} \approx 0$$

$$d_1 \approx 1.8$$

$$a_1 \approx 1.8$$

$$a_1 = 4(1.8) \approx 7.2$$

$$S_1 = 1.8 \approx 1.8 \quad a_1 + c_{n1} + v_{d1} = 1.8 \approx 1.8$$

$$1.8 a_1 \approx 1.8$$

$$d_1 \approx 1.8$$

$$\frac{a_1}{a_1} \approx \frac{a_1 + 1.8(1.8)}{a_1 + 1.8(1.8)} \approx \frac{1.8 a_1}{1.8 a_1} \approx 1$$

$$a_1 = 1.8$$

$$a_1 = 1.8$$

$$d_1 = \frac{1.8 - 1.1}{1} \approx 0.7$$

$$a_1 = 1.1 + 1.8(1.8) \approx 4.2$$

$$a_1 = 1.8$$

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$$a_1 = 1.8$$

$$d_1 = \frac{1.8 - 1.1}{1} \approx 0.7$$

$$1.8 = 1.8 + (1.8 - 1.1) \approx 1.8$$

$$1.8 = 1.8 + 0.7 - 0.7 \approx 1.8$$

$$1.8 = 1.8 \quad n = 1$$

$$1.8 + 1.8(1.8) \approx 4.2$$