

14, 15

« دھم پر »

پاسا محری

1

1) $a_1 = 4, a_2 = 10, a_3 = 16, a_4 = 22, \dots$

2

$a_n = 6n + 2$

$a_1 = 6 \cdot 1 + 2 = 8$

2) $4, 10, 16, 22, \dots$

$a_n = 6n + 2$

3

الف) $a(10) = 6 \cdot 10 + 2 = 62$

ب) $S(10) = \frac{10}{2} (4 + 62) = 325$

4

پ) $a_1 + a_2 + a_3 + a_4 + \dots + a_n =$
 $4 + 10 + 16 + 22 + \dots + 6n + 2$

$4 + 10 + 16 + 22 + \dots + 6n + 2$

دھم پر

$1 + \sqrt{3}, 2, 3 - \sqrt{3}, \dots$

$a_n = n(1 - \sqrt{3}) + 2\sqrt{3}$

5

$a_1 = 2, a_2 = 2 - 2\sqrt{3} + 2\sqrt{3}$

$a_3 = 2 - 2\sqrt{3} + 2\sqrt{3}$

$2 - 2\sqrt{3}$

6

$a_n = a^{n-1}$

$a_1 = 1, a_2 = 2, a_3 = 4, \dots$

$b_n = n, 2, 4, \dots$

$n + y = 2$

$\frac{n+y}{2} = 2$

$y = 2$

$ny = 2$

$2 \times 2 + 2 \times 2 = 8$

$2 \times 2 = 4$

$2n + 1 = 2 - n$

$n = 1$

7

$2n - 1, 2n - 1, 4n$

$2 = 2n$

$n = \frac{1}{2}$

8

$-2, 0, 2, 4$

$2n - 1 + 4n$

$= 2n - 1$

$a_1 = 4$

9

$a_n = r, a, v, q \rightarrow 11$ (9)
 $b_n = r, a, \wedge, 11$ (11)
 $a_n = 4n - 1$

$a_{r_0} = r_{n+1} = r_1$ (Y)
 $b_{r_0} = r_{n+1} - 1 = a_9$

$4n - 1 \leq r_1$

$n \leq v$

dev

$a_1 + a_r + a_d = 1 \cdot d / a_1 + a_r + a_r = r_1$ (1)

$a_1 + a_r + a_r = r_{a_1} + r_{a_r} = r_1$
 $a_1 + d = v$

$f = \frac{a_r - a_r + a_1}{a_1}$ جمله

$a_1 + a_r + a_d = 1 \cdot d$

$a_1 = -r_1$

$r_{a_1} + a_d = 1 \cdot d$
 $r_{a_1} + r_d = r_1$

$r_d = r_f$
 $d = r_n$ (Y)

$\left(-\frac{1}{r} \right) = \frac{r_1 + r_n}{-r_1} = \frac{a_1 + r_d - a_1 - d + a_1}{a_1}$

$a_f + a_d = r_d$

$a_1 + a_r + a_r = 1 \cdot d$ (1)

$r_{a_1} + r_d = r_x + r$
 $r_{a_1} + r_d = r_{a_1} + r$

$r_{a_1} + a_d = r_0$

$r_d = r_d$

$r_{a_1} + r_d = r_d$

$d = r$

$f_1 = r + (q)r = r + r = 2r$
 $r + r = 2r$

$a_1 = r$

11/10

$S_q = 9 S_p$

$\frac{q}{r} (a_1 + a_q) = \frac{r}{r} (a_1 + a_r)$
 $r_{a_1} + r_d$

$d = r_{a_1}$ (9)
 $\frac{a_r}{a_v}$

$\frac{a_1 + r_{a_1}}{a_1 + r_{a_1}}$

$= \frac{r_{a_1}}{r_{a_1}}$

$= r$

(Y)

پاسا محمدی

$$t_1 = 11$$

$$t_v = 35$$

$$d = \frac{35 - 11}{v - 1} = \frac{24}{4} = d = 6$$

35, 11, 31, 13

Step 2: در دو برابر با شتر.

11, 15, ...

$$11 + (15) \cdot 4$$

$$\rightarrow z = 23$$

2

$$31 + 30d = 21$$

$$d = -5$$

$$-5 \cdot d =$$

$$\frac{-25}{1 + 1}$$

واسطه $z = 15$