

عدد اول فرد است $\rightarrow (n-1)^2 + 1$
 $(n-1)^2 + 1 = 45$
 $n^2 = 46$
 $\rightarrow \{45, \dots, 46\}$
 $\frac{45+46}{2} = 45.5$

$\{1, 2, 3\} \{4, 5, \dots, 11\} \{12, 13, \dots, 27\} \{28, \dots, 40\} \{41, 42, \dots, 45\}$
 $\frac{1 \times 1 + (2 \times 121)}{2} = 122$

$\rightarrow \left[\frac{n}{k+1} \right] - 2$ $\rightarrow (-2)$
 $-1 + (-1) + (0) + (0) + 0 + 0 + 0 + \dots + 0$
 $a_0 + a_1 + \dots + a_9 = 19 \rightarrow (a_0 + a_2 + a_4 + a_6 + a_8) + (a_1 + a_3 + a_5 + a_7 + a_9)$
 $\downarrow (2^0 + 2^1 + 2^2 + 2^3 + 2^4) \quad \downarrow (2^1 + 2^2 + 2^3 + 2^4 + 2^5)$
 $15 + 31 = 46$
 $a_n = -9$
 $a = -2$

$th = an^2 + bn + c$
 $t_0 = 1 \rightarrow 1a + 0b + c = 1$
 $t_1 = 1 \rightarrow 1a + 1b + c = 1$
 $t_2 = 1 \rightarrow 4a + 2b + c = 1$
 $1a + b = 0$
 $1a + b = 1$
 $a = -1, b = 1, c = 1$
 $a = \frac{1}{v_0} \rightarrow \frac{1}{v_0} = -0.1$
 $\rightarrow 1, 1 + b = 1.6$
 $\downarrow a \quad \downarrow b = 1$
 $-a + 1 + c = 1 \rightarrow c = 0$
 $a_0 = \{1 \times (-0.1) + 1 \times (1) + (-1) = 1\}$
 $a_1 = \{-0.1 + 1 + (-1) = 0\}$

$a_1 \rightarrow an$
 $a_1 + (n-1)d$
 $b_n \rightarrow an + b$
 $a_1 = b_1 \rightarrow a_1 + (n-1)d = a_1 + (n-1)b \rightarrow a_1 + nd = a_1 + nb \rightarrow nd = nb \rightarrow d = b$
 $a_1 + nd = a_1 + nb \rightarrow a_1 + nd = a_1 + nb \rightarrow nd = nb \rightarrow d = b$
 $a_1 + nd = a_1 + nb \rightarrow a_1 + nd = a_1 + nb \rightarrow nd = nb \rightarrow d = b$

$a_1 + nd = a_1 + nb \rightarrow a_1 + nd = a_1 + nb \rightarrow nd = nb \rightarrow d = b$
 $b_1 = a_1 + b = a_1 + d \rightarrow a_1 + d = a_1 + b \rightarrow d = b$
 $\frac{b_1}{d} = \frac{a_1 + b}{d} = \frac{a_1 + d}{d} = \frac{a_1}{d} + 1$