

نام و نام خانوادگی کلاس شماره تکلیف شماره تاریخ
پاسخنامه تشریحی

$$1, 2, \dots, 12, 13 \rightarrow \text{sum} = \{1, 2, \dots, 12, 13\} \rightarrow \frac{1+13}{2} = 7$$

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~~0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99~~
 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99

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$$a_1 + \dots + a_{19} = Y_0, \quad \Delta a_i = 10(-Y) + 11 = -Y_0 + 11 = -Y \quad \Rightarrow \quad Y_0 + Y_1 = Y_0 - Y = 19 \rightarrow a = -Y$$

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$$\frac{1}{V_0} \times 11^2 = \frac{1}{\omega} \rightarrow \frac{1}{\omega} n^2 b n C \rightarrow \frac{1}{\omega} \times 11 \omega + \omega b \times C = 11 \rightarrow \omega b \times C = 19 \quad \begin{cases} b=1 \\ C=1 \end{cases}$$

$$\rightarrow \frac{1}{\omega} \times 11 \times V b \times C = 11 \times 1 \times V b \times C = 11 \quad \begin{cases} b=1 \\ C=1 \end{cases}$$

$$\frac{1}{\omega} n^2 + 11 - 1 \rightarrow \frac{a_1 \omega}{a_1} = \frac{11 \omega \times \frac{1}{\omega} + 10 \times 11 - 1}{-\frac{1}{\omega} + 11 - 1} = \frac{-\omega}{11}$$

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$Pa^r + r ad + r d^r = a r^r + b a d + r a^r r ad \rightarrow a^r r d - r a d r \rightarrow (a + r)(a - \frac{r}{r} a) \rightarrow a = 1 \text{ l. } r, d$	6
$a = r b - c, \frac{a^r}{r} = \frac{b c}{r} \rightarrow a^r = b c \rightarrow (r b - c)^r = b c = r b^r + c^r - r b c = b c$ $r b^r - a b c, c^r = 0.$	7
$C r^r = b r = a \rightarrow r b^r = \frac{b}{r} + r b \rightarrow r r = \frac{r r + 1}{r} \rightarrow r r^r = r r + 1 \rightarrow r r^r r r = 0$ $\frac{a q}{a^r} = \frac{a r^r}{a^r r} = r^r = \frac{1}{-r}$ $r = \frac{1}{-r}$	8
$\frac{a r}{a^r} + \frac{a r^r}{a^r r} = r \rightarrow \frac{r}{a} + \frac{r^r}{a^r} = \frac{r}{a} + \left(\frac{r}{a}\right)^r \rightarrow \frac{r}{a} = 1 \text{ l. } \frac{r^r}{a^r} = 1$ $\frac{a^r}{a^r} = 1$	9
$a r = \sqrt{a p r} \rightarrow a p^r = a p r \rightarrow a p = r \rightarrow a r^r = r \rightarrow a = \frac{1}{r}$ $a_0 = a r^r = r v \rightarrow r^r = r v \rightarrow r = r, a = \frac{1}{p} \rightarrow \frac{1}{r} - \frac{1}{p} = \frac{1}{r}$	10