

1. 2015. ,
 $0 \leq c \leq 9$. , $2015 = a + b = 11b + c$, $a = 10b + c$, $c -$,
 11, $\dots b = 183, c = 2$. -1832 183 , $c -$ 2015

$\frac{---1}{b}$ $\frac{---1}{10b+c}$.
 $---7$. \overline{x} , $---\overline{x}$.

2. n ? n ,
 $n = 6$. a b , b $\frac{b}{a}$, $\frac{1}{a}$, $\frac{1}{b}$, $\frac{a}{b}$.
 a .

$---0$. $: 2, 3, \frac{3}{2}, \frac{1}{2}, \frac{1}{3}, \frac{2}{3}$.
 $---2$.
 -4 ()
).

3. $y = ax^2$.
 x_1 x_2 ($x_1 < x_2$), $-$ x_3 x_4 ($x_3 < x_4$). , $(x_3 - x_1) =$
 $(x_2 - x_4)$.

$y = ax^2$ $y = kx + b$, $y = kx + c$.
 x_1 x_2 , x_1 $x_2 -$ $ax^2 =$

$kx + b$. $\frac{k}{a}$, $\dots x_2 + x_1 = \frac{k}{a}$. : x_3

$x_4 -$ $ax^2 = kx + c$, $x_3 + x_4 = \frac{k}{a}$. , $x_2 + x_1 = x_3 + x_4$, $\dots x_3 - x_1 = x_2 - x_4$.

$y = k + b$ $y = ax^2$
 t s , $t + s = \frac{k}{a} --- 3$.

