$$y = \begin{cases} \int x, & x > 0 \\ 0, & x = 0 \\ x - 1, & x < 0 \\ other, & x < -10 \end{cases}, x \in \mathbb{R}$$

$$y = \begin{cases} \int x, & x > 0 \\ x^2, & x \leqslant 0 \end{cases}$$

$$z = \begin{cases} y, & \text{当 } y \text{ 是质数} \\ y^2, & \text{其他情况} \end{cases}$$

$$\begin{cases} x - y = 3 \\ 3x - 8y = 4 \end{cases}$$

$$\begin{aligned} a^2 &= a \cdot a && (1) \\ &= a * a && (2) \\ &= a^2 && (3) \end{aligned}$$

$$\begin{aligned} a^2 &= a \cdot a & b &= c \\ g &= a * a & d &> e > f \\ step &= a^2 & Z^3 & \end{aligned} \qquad (4)$$

$a > b$

$$b > c$$

$$\therefore a > c \quad (5)$$

若

$$y = 0$$
$$x < 0$$

则

$$z = x + y$$

若

$$y = 0$$
$$x < 0$$

则

$$z = x + y$$

$$X = 1 + 2 + \cdots + n \quad (6)$$
$$Y = 1 \quad (7)$$
$$Z = X^Y + Y^3 \quad (8)$$