

[問題1]

$$f(0) = 1$$

$x \neq 0$ のとき

$$f(x) = 2 \times f(x-1)$$

$$f(4) = ?$$

[問題2]

$$f(0, y) = y$$

$x \neq 0$ のとき

$$f(x, y) = f(x-1, y+1)$$

$$f(4, 5) = ?$$

[問題3]

$x \leq 0$ のとき

$$f(x) = 1 + x$$

$x > 0$ のとき

$$f(x) = f(g(x-1))$$

$$g(x) = f(x-2) + 1$$

$$f(2) = ?$$

$$f(8) = ?$$