

①

$$② f(x) = x^2 + 3x - 1$$

$$f(0) = x^2 + 3x - 1$$

$$f(0) = 0 + 0 - 1$$

$$f(0) = -1$$

$$③ f(x) = x^2 + 3x - 1$$

$$f(1) = 1 + 3 - 1$$

$$f(1) = 3$$

②

$$① f(x) = \frac{x}{2} + 1$$

$$f(0) = \frac{0}{2} + 1 = 1$$

③ $f(a+h) - f(a)^2$

$f \cdot a+h - f \cdot a^2$

$(a+h)^2$

$\frac{a+h}{ah+h^2}$

$f(ah+h^2) + f(2a)$

$f = 2ah + h^2$

④ $f\left(\frac{a}{h}\right) + f(a)$

$f\left(\frac{a}{h}\right) + 2 + f(a) + 2$

$f\left(\frac{a^2}{h^2}\right) + f(a^2)$

$\frac{a^2 + a^2}{h^2} = \frac{4}{h^2}$