

Examen

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

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

$$f = 3x$$

$$2) f(1) = \frac{1}{2} + 1 = \frac{3}{2}$$

calculus ni minis 3

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

$\varepsilon + \delta \varepsilon = (x) \dots$

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

(ii) $\frac{d}{dx} (x^2) = 2x$

$$3) f(a+h) - f(a)$$

$$f = (a+h)^2 - f \cdot a^2$$

$$a+h$$

$$f(a+h) - f(a)$$

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

$$4) f\left(\frac{a}{n}\right) + f(a)$$

$$f = 4\left(\frac{1}{n} + 1\right) = 1$$

$$2 \cdot \left(\frac{1}{n} + 1\right)$$

$$2 \cdot (1 + 1)$$

$$2 \cdot 2$$

$$4 \cdot \left(\frac{1}{2} + 1\right)$$