$$f(x) = x^3 + 2x^2 + 3x + 6 (1)$$

$$g(x) = \frac{a}{b} \tag{2}$$

$$g(x) = \frac{a}{b}$$

$$h(x) = \int_{b}^{a} \frac{x^{2}}{2+x}$$

$$(2)$$