

Function notation

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

(a) Find $f(3)$

(b) Find $f(-2)$

2. $f(x) = 3x^2 + 10$

(a) Find $f(2)$

(b) Find $f(-1)$

Composite functions

$$(f \circ g)(x) = f(g(x))$$

1. $f(x) = 3x$ and $g(x) = 2x + 1$. Find $(f \circ g)(x)$.

2. $f(x) = 2x + 1$ and $g(x) = 3x^2$. Find $(g \circ f)(x)$.
