

3.1 Practice Activity

Practice 3.1-1-1:

Find its composite function. Suppose $f(x) = x^2 + 1$ and $g(x) = x - 3$

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

Practice 3.1-2-1:

Find its composite function. Suppose $f(x) = x^2$ and $g(x) = x + 2$

$$(g \circ f)(-2)$$

Practice 3.1-3-1:

Finding the domain of the composite function.

$$(g \circ f)(x) \text{ where } f(x) = \frac{5}{x-1} \text{ and } g(x) = \frac{4}{3x-2}$$