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Module 9 Using Functions

Lesson 6 Evaluating Composite Functions

Lesson Objectives

- Find compositions of two functions.
- Identify functions that are inverses by using composition of functions.

The Composition of Two Functions

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

The symbol • is used for the composition of two functions.

 $(f \circ g)(x)$ and f(g(x)) are both read _____



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(6) Determine if the following two functions are inverses of each other.

$$f(x) = 2x$$
$$g(x) = \frac{x}{2}$$

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