

Name: _____ Date: _____

BLM 10-5

Chapter 10 Study Guide

This study guide is based on questions from the Chapter 10 Practice Test in the student resource.

Question	I can ...	Help Needed	Refer to
#1	write the equation of a function that is the sum or difference of two functions	<input type="checkbox"/> some <input type="checkbox"/> none	10.1 Example 1
#2	determine the domain and range of a function that is the product or quotient of two functions	<input type="checkbox"/> some <input type="checkbox"/> none	10.2 Example 2
#3	evaluate a function that is the sum, difference, product, or quotient of two functions	<input type="checkbox"/> some <input type="checkbox"/> none	10.1 Examples 2, 3 10.2 Example 2
#4	determine values of a composite function	<input type="checkbox"/> some <input type="checkbox"/> none	10.3 Example 1
#5	write the equation of a composite function and explain any restrictions	<input type="checkbox"/> some <input type="checkbox"/> none	10.3 Examples 2, 3
#6	write the equation of a function that is the sum, difference, product, or quotient of two functions	<input type="checkbox"/> some <input type="checkbox"/> none	10.1 Examples 1, 2 10.2 Examples 1, 2
#7	write the equation of a function that is the sum, difference, or composition of two functions	<input type="checkbox"/> some <input type="checkbox"/> none	10.1 Example 1 10.3 Examples 2-4
#8	determine the equation and the domain and range of a function that is the product or quotient of two functions	<input type="checkbox"/> some <input type="checkbox"/> none	10.2 Example 1
#9	sketch the graph of a function that is the sum, difference, product, or quotient of two functions	<input type="checkbox"/> some <input type="checkbox"/> none	10.1 Examples 2, 3 10.2 Example 2
#10	determine the equation and the domain and range of a composite function	<input type="checkbox"/> some <input type="checkbox"/> none	10.3 Examples 2, 3
#11	write the equation of a composite function and determine values of a composite function	<input type="checkbox"/> some <input type="checkbox"/> none	10.3 Example 5
#12	sketch the graph of a function that is the product or quotient of two functions	<input type="checkbox"/> some <input type="checkbox"/> none	10.2 Example 3
#13	determine the equation and sketch the graph of a function that is the sum, difference, product, or quotient of two functions	<input type="checkbox"/> some <input type="checkbox"/> none	10.1 Examples 1, 2 10.2 Example 2 10.3 Example 3
#14	write the equation of a composite function, explain any restrictions, and evaluate the function	<input type="checkbox"/> some <input type="checkbox"/> none	10.3 Example 5

