

Name: _____

Date: _____

BLM 6–6

Chapter 6 Study Guide

This study guide is based on questions from the Chapter 6 Practice Test in the student resource.

Question	I can ...	Help Needed	Refer to
#1	apply sum, difference, and double-angle identities to verify the equivalence of trigonometric expressions	<input type="checkbox"/> some <input type="checkbox"/> none	6.2 Example 3
#2	understand and apply reciprocal, quotient, and Pythagorean identities	<input type="checkbox"/> some <input type="checkbox"/> none	6.1 Example 2
#3	understand and apply reciprocal, quotient, and Pythagorean identities	<input type="checkbox"/> some <input type="checkbox"/> none	6.1 Example 3
#4	apply sum, difference, and double-angle identities to verify the equivalence of trigonometric expressions	<input type="checkbox"/> some <input type="checkbox"/> none	6.2 Example 1
#5	understand and apply reciprocal, quotient, and Pythagorean identities	<input type="checkbox"/> some <input type="checkbox"/> none	6.2 Example 2
#6	apply sum, difference, and double-angle identities to verify the equivalence of trigonometric expressions	<input type="checkbox"/> some <input type="checkbox"/> none	6.2 Example 4
#7	apply sum, difference, and double-angle identities to verify the equivalence of trigonometric expressions	<input type="checkbox"/> some <input type="checkbox"/> none	6.2 Examples 1, 4
#8	prove trigonometric identities algebraically	<input type="checkbox"/> some <input type="checkbox"/> none	6.3 Examples 1, 2
#9	prove trigonometric identities algebraically	<input type="checkbox"/> some <input type="checkbox"/> none	6.3 Examples 1, 3
#10	determine the general solution for trigonometric equations	<input type="checkbox"/> some <input type="checkbox"/> none	6.4 Examples 1–4
#11	solve trigonometric equations algebraically using known identities	<input type="checkbox"/> some <input type="checkbox"/> none	6.4 Examples 1, 3



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(continued)

Question	I can ...	Help Needed	Refer to
#12	apply sum, difference, and double-angle identities to verify the equivalence of trigonometric expressions	<input type="checkbox"/> some <input type="checkbox"/> none	6.2 Example 4
#13	solve trigonometric equations algebraically using known identities	<input type="checkbox"/> some <input type="checkbox"/> none	6.4 Examples 1, 2
#14	solve trigonometric equations algebraically using known identities	<input type="checkbox"/> some <input type="checkbox"/> none	6.4 Example 1
#15	prove trigonometric identities algebraically	<input type="checkbox"/> some <input type="checkbox"/> none	6.3 Examples 3, 4
#16	determine the general solution for trigonometric equations	<input type="checkbox"/> some <input type="checkbox"/> none	6.4 Examples 1, 3

