Math 4 Honors Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lesson 4-2 Learning Check Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Score: 0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0

In this learning check, you are being assessed on the following learning goals:

* *I can use the fundamental trigonometric identities to simplify expressions and verify equivalences.*
* *I can solve trigonometric equations algebraically, including equations that involve factoring.*

1. Verify the following identity.



2. Solve for primary values.



1. b.