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

**4-6 Learn Check** Date\_\_\_\_\_\_\_\_

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

*I can, without a calculator, use trigonometric identities such as angle addition/subtraction and double*

*angle formulas, to express values of trigonometric functions in terms of rational numbers and radicals.*

1. 

2. 

3. Suppose that , , and . Find exact values of the following:

a.  b. 

c. 

 **OVER 🡪**

4. Verify (prove) the following identity: