Pre-Calculus/Trigonometry: Trig Identities Test

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
Block: \_\_\_\_\_\_\_\_\_\_\_

Level 2

Simplify the following. [Show work for full credit]

1. 1: \_\_\_\_\_\_\_\_\_\_\_

1. 2: \_\_\_\_\_\_\_\_\_\_\_

1. 3: \_\_\_\_\_\_\_\_\_\_\_
2. 4: \_\_\_\_\_\_\_\_\_\_\_

Evaluate the following. [Show work for full credit]

1. 5: \_\_\_\_\_\_\_\_\_\_\_

Solve the following on the interval [0, 2. [Show work for full credit]

1. 6: \_\_\_\_\_\_\_\_\_\_\_

1. 7: \_\_\_\_\_\_\_\_\_\_\_

Level 3

Evaluate the following. [Show work for full credit]

1. 8: \_\_\_\_\_\_\_\_\_\_\_

Verify the following. [Show work for full credit]

1. *10.)*

Solve the following on the interval [0, 2. [Show work for full credit]

11: \_\_\_\_\_\_\_\_\_\_\_

12: \_\_\_\_\_\_\_\_\_\_\_

1. Find the exact value of both of the trig function [image not to scale]:

13: \_\_\_\_\_\_\_\_  
   
13: \_\_\_\_\_\_\_\_

15

8

Level 4

Verify the following.



Solve the following. [Hint: Factor a quadratic]



15: \_\_\_\_\_\_\_\_\_\_\_