# Chapter 7.1-7.3 Test

# NO CALCULATOR

1-12, 5 points each.

Find the exact value of the expression.

1. 1) 
2. 2) 
3. 3) 

Find the exact value of the expression

1. 4) 
2. 5) 

Find the exact value, if any, of the composite function. If there is no value, say it is "not defined".

1. 6) 

Find the exact value of the expression.

1. 7) 
2. 8) 
3. 9) 
4. 10) 
5. 11) 
6. 12) 

Solve the equation on the interval . (5 pt)

1. 13) 
2. 14)  (6 pt)
3. 15)  (6 pt)

Solve the equation. Give a general formula for all the solutions. (5 pt each)

1. 16) 

Solve the equation on the interval .

1. 17) 
2. 18) 