# Chapter 7.1-7.3 Test

# NO CALCULATOR

1-12, 5 points each.

Find the exact value of the expression. [[\*idle~ptims\*]]

1. 1. 
2. 2. 

3. [[\*idle~ptime\*]]

Find the exact value of the expression [[\*idle~ptims\*]]

1. 4. 
2. 5. 
3. [[\*idle~ptime\*]]

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. [[\*idle~ptims\*]]

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

[[\*idle~ptime\*]]

Solve the equation on the interval . (5 pt) [[\*idle~ptims\*]]

1. 13. 
2. 14.  (6 pt)
3. 15.  (6 pt) [[\*idle~ptime\*]]

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

1. 16. 

Solve the equation on the interval . [[\*idle~ptims\*]]

1. 17.  when
2. [[\*ts\*]][[\*te\*]]18. 
3. 

[[\*idle~ptime\*]]