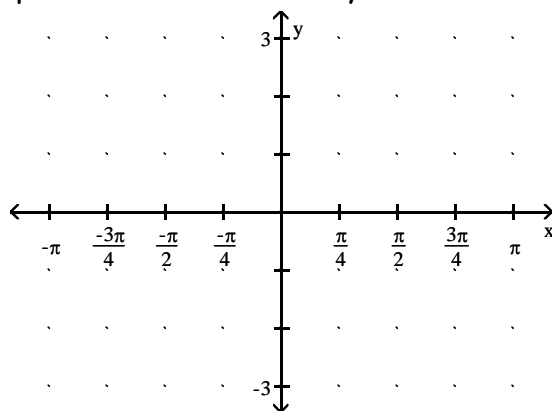


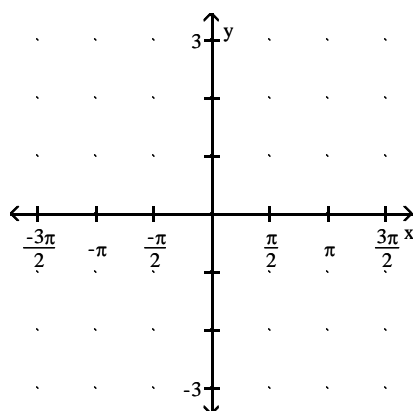
# M126 Worksheet 4.3 Graphs of Tangent and Cotangent

Name \_\_\_\_\_

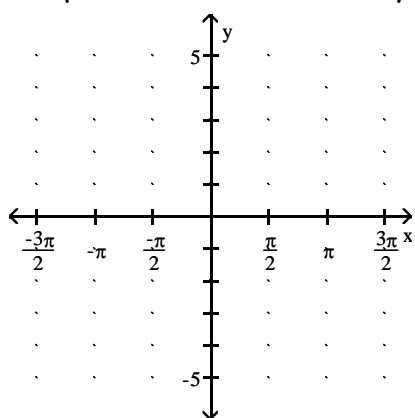
- 1) Graph the function.  $y = 2 \tan x$



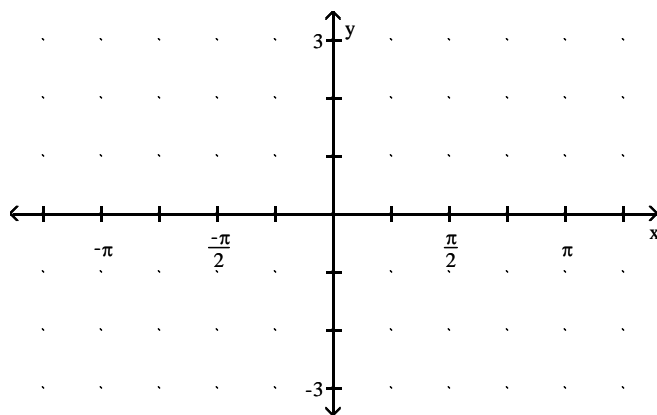
- 2) Graph the function.  $y = \frac{1}{2} \cot x$



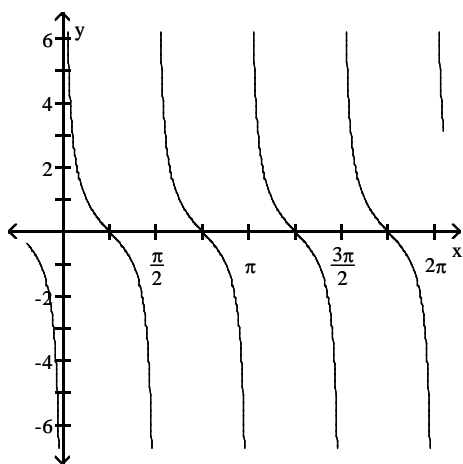
- 3) Graph the function.  $y = 2 + \cot x$



- 4) Graph the function.  $y = \frac{1}{3}\tan 2x$



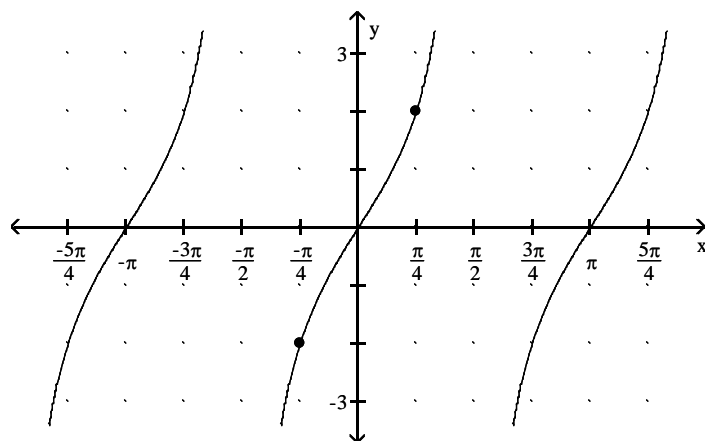
- 5) The function graphed is of the form  $y = a \tan bx$  or  $y = a \cot bx$ , where  $b > 0$ . Determine the equation of the graph.



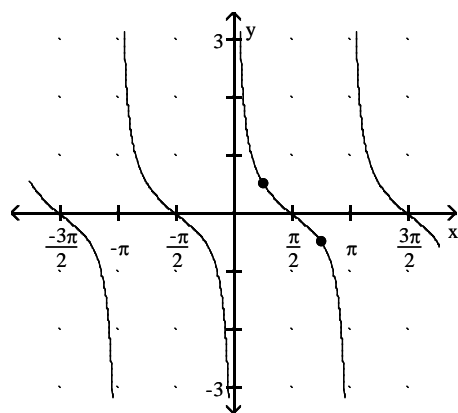
# Answer Key

## Testname: WORKSHEET 4.3 GRAPHS OF TAN AND COT FUNCTIONS

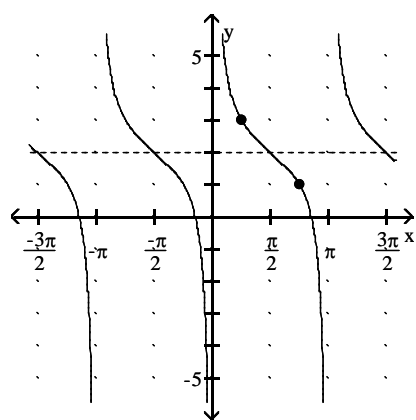
1)



2)



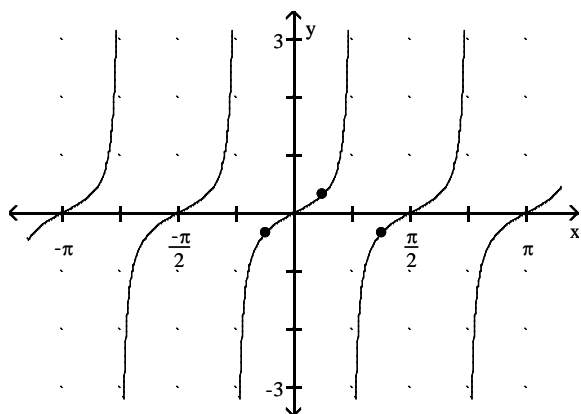
3)



# Answer Key

## Testname: WORKSHEET 4.3 GRAPHS OF TAN AND COT FUNCTIONS

4)



5)  $y = \cot 2x$