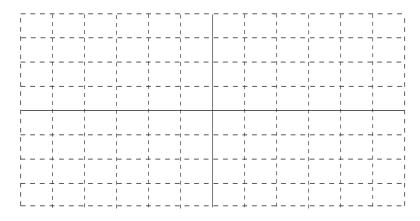
Quiz 5 Exam 1 & 1.6

Name:

Instructor: Matt Alexander Quiz Score: /10

1. A grandfather clock has a pendulum with a length of 3 feet that swings through an angle of 30 degrees. What is the area that the pendulum swings through in square feet? (Leave your answer in exact form.)(2pts)

**2.** Sketch the graph of  $y = \cot(2x)$ . (4pts)



Math 11022 Quiz 5 Exam 1 & 1.6

Name:

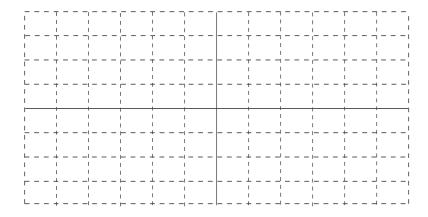
Trigonometry

 ${\bf Spring~2015}$  Instructor: Matt Alexander

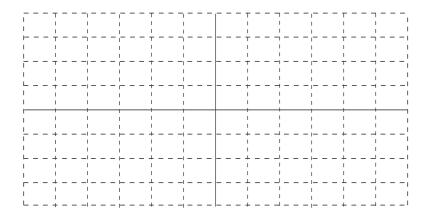
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**3.** Sketch the graph of  $y = 2\sec\left(x - \frac{\pi}{2}\right)$ . (4pts)



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