

Student: _____
 Date: _____
 Time: _____

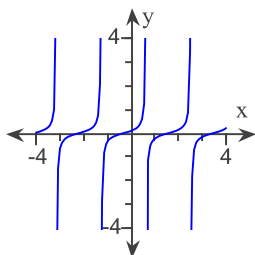
Instructor: Fred Khoury
 Course: Math 2312-1000 Precalculus (Fall - 2015)
 Book: Lial: College Algebra and Trigonometry, 4e

Assignment: Quiz Sec 2.6

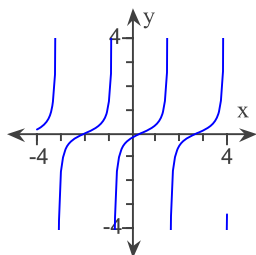
1. Graph the function.

$$y = \frac{2}{3} \tan\left(\frac{2}{3}x - \frac{\pi}{6}\right)$$

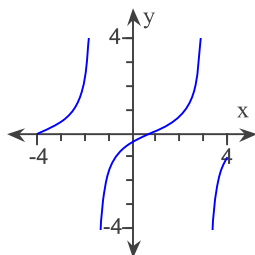
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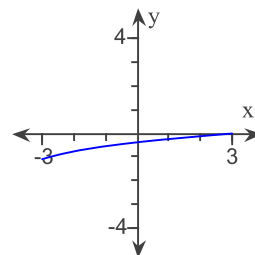
☐ B.



☐ C.



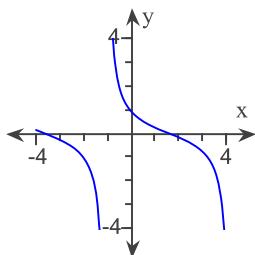
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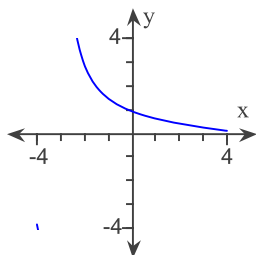
2. Graph the function.

$$y = \frac{2}{3} \cot\left(\frac{3}{5}x + \frac{\pi}{5}\right)$$

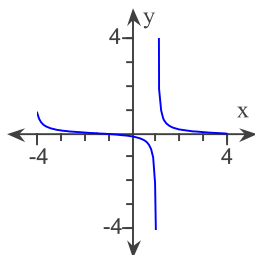
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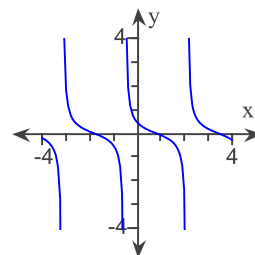
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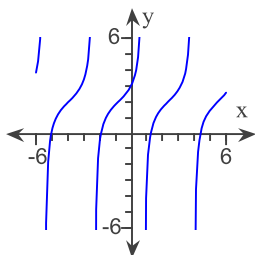
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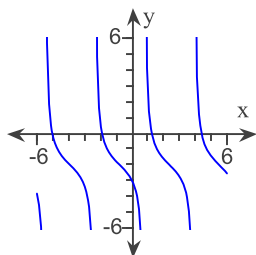
3. Graph the function.

$$y = 2 - \tan\left(x + \frac{\pi}{4}\right)$$

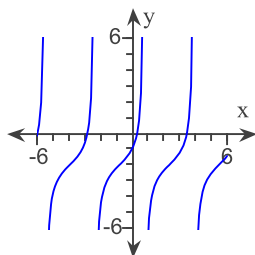
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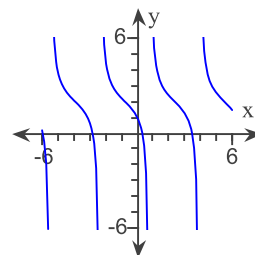
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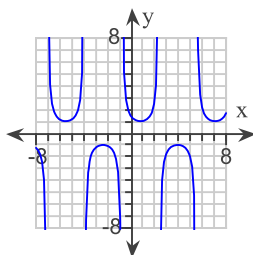
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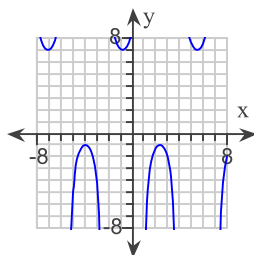
4. Graph the function.

$$y = 3 - 4 \sec\left(x - \frac{\pi}{4}\right)$$

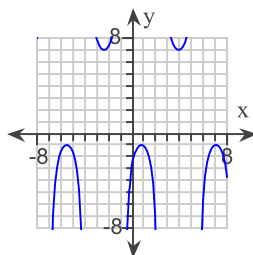
☐ A.



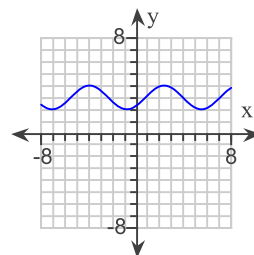
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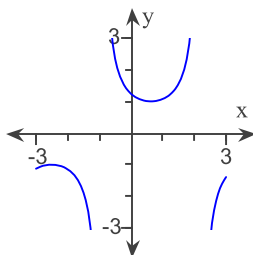
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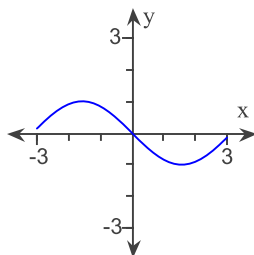
5. Graph the function.

$$y = \sec\left(x - \frac{\pi}{5}\right)$$

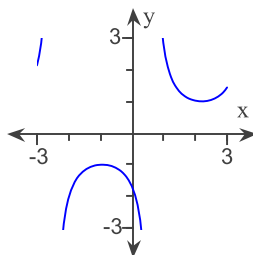
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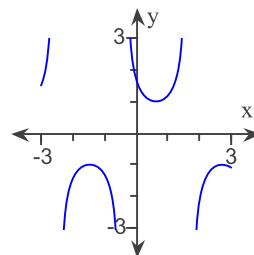
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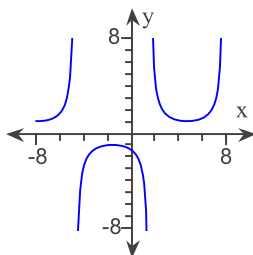
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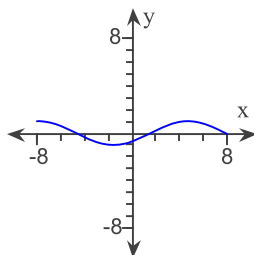
6. Graph the function.

$$y = \csc\left(\frac{1}{2}x - \frac{\pi}{4}\right)$$

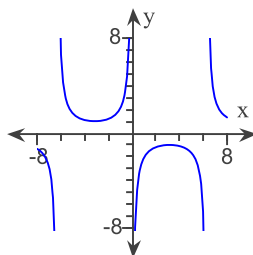
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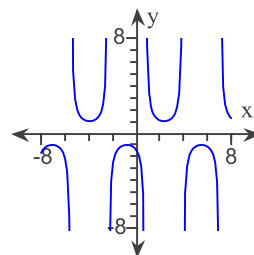
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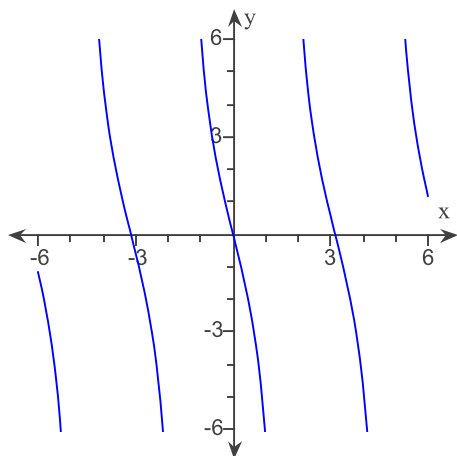


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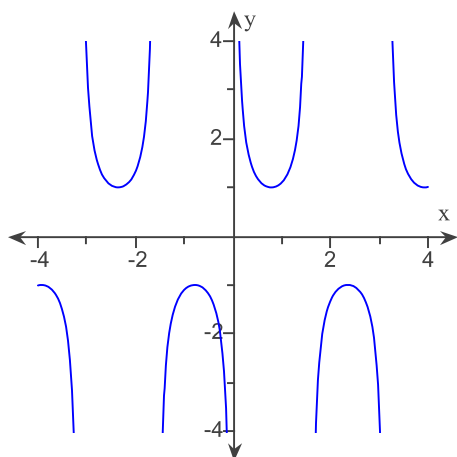
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7. Determine the equation of the graph.



- ☐ A. $y = -4 \cot x$
☐ B. $y = -\cot 4x$
☐ C. $y = -4 \tan x$
☐ D. $y = \tan 4x$

8. Determine the equation of the graph.



- ☐ A. $y = 2 \csc x$
☐ B. $y = \csc 2x$
☐ C. $y = \sec 2x$
☐ D. $y = 2 \sec x$