

Graphing the 6 Trig Functions Practice Problems (you can replace theta with "x")

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1) $y = \frac{1}{2} \cdot \cot \theta$

2) $y = \frac{1}{2} \cdot \cos \theta$

3) $y = 3\csc 2\theta$

4) $y = 3\tan \frac{\theta}{3}$

5) $y = \cot \frac{\theta}{3}$

6) $y = \frac{1}{2} \cdot \csc \left(\frac{\theta}{2} + \frac{2\pi}{3} \right)$

7) $y = 3\cot \left(2\theta + \frac{11\pi}{6} \right)$

8) $y = 3\csc \left(\frac{\theta}{3} - \frac{3\pi}{4} \right)$

9) $y = 2\sin \left(3\theta - \frac{\pi}{6} \right) + 2$

10) $y = \sec \theta$

11) $y = \cos \theta$

12) $y = \sin \theta$

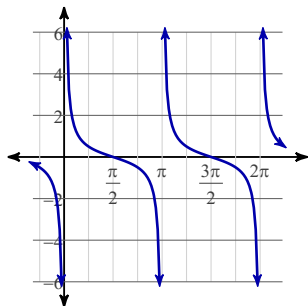
13) $y = \cot \theta$

14) $y = \csc \theta$

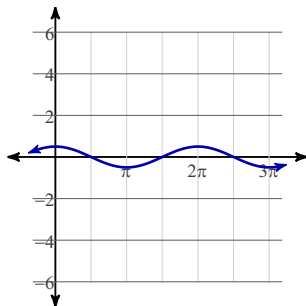
15) $y = \tan \theta$

Answers to

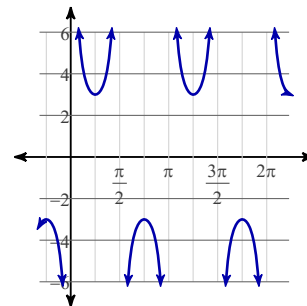
1)



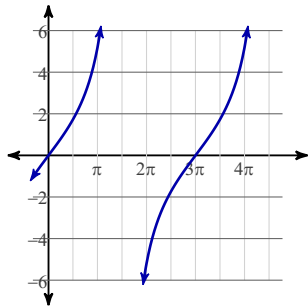
2)



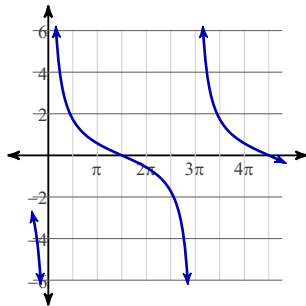
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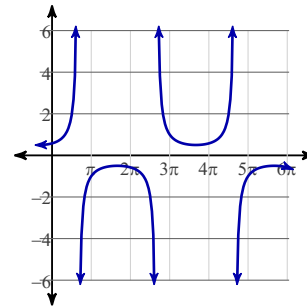
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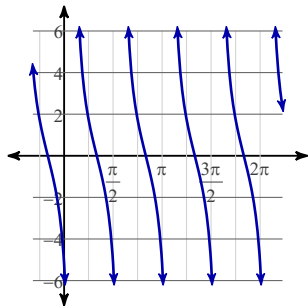
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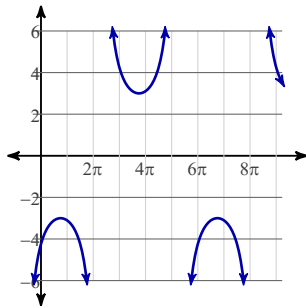
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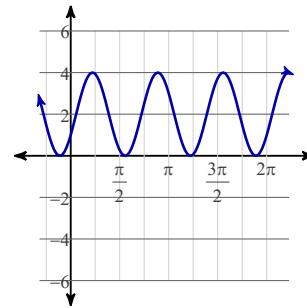
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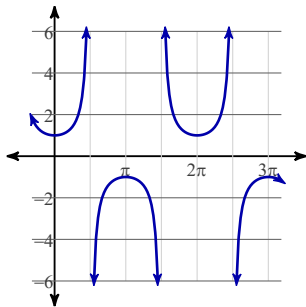
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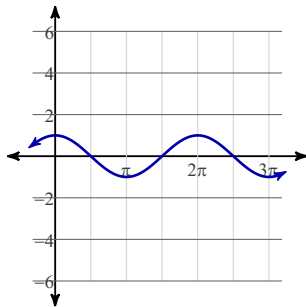
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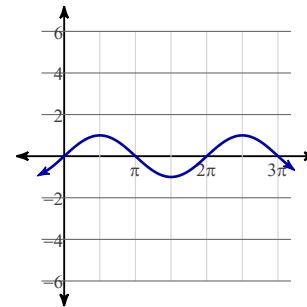
10)



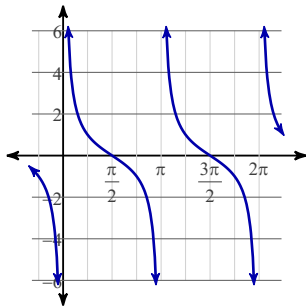
11)



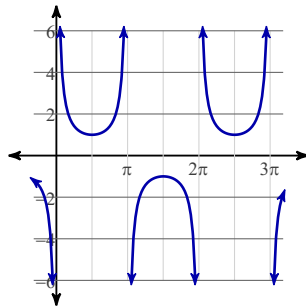
12)



13)



14)



15)

