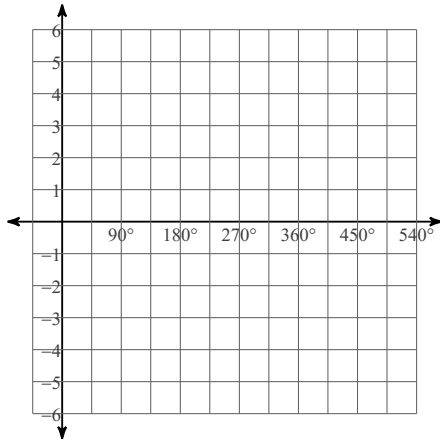


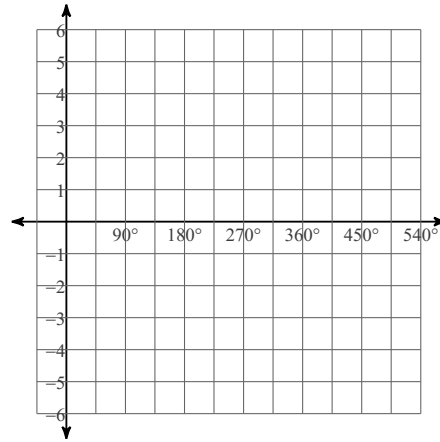
Graphing Tangent, Cotangent, and Friends

Graph each function using degrees.

1) $y = 2\sin(\theta - 150) - 1$

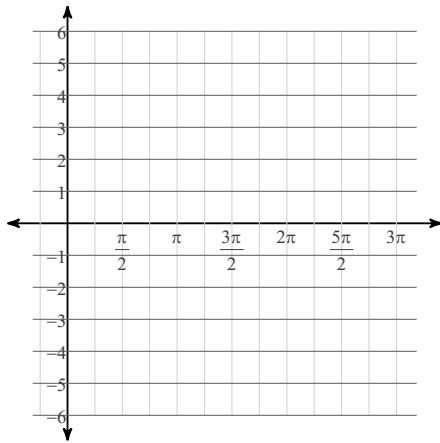


2) $y = 3\sec(\theta - 60) + 1$

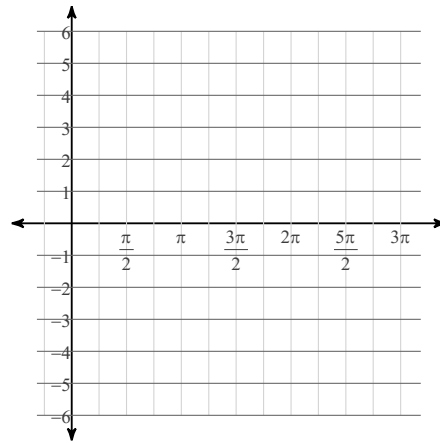


Graph each function using radians.

3) $y = 2\cos\left(\theta + \frac{\pi}{4}\right) - 2$

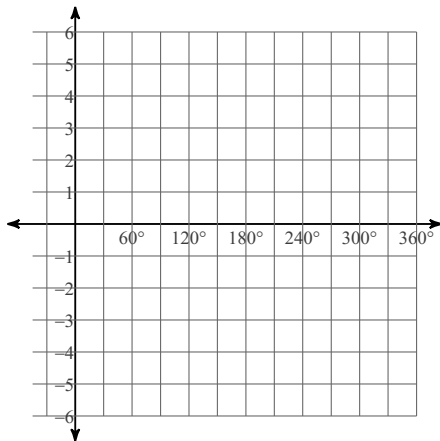


4) $y = 3\csc\left(\theta + \frac{2\pi}{3}\right) - 2$

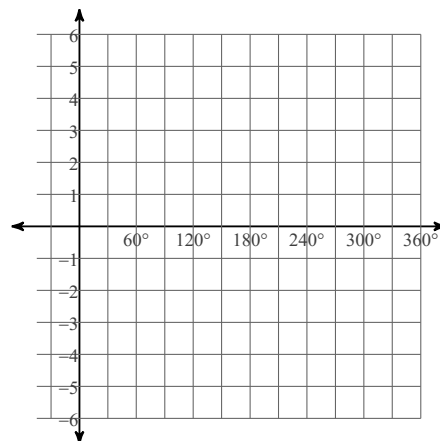


Graph each function using degrees.

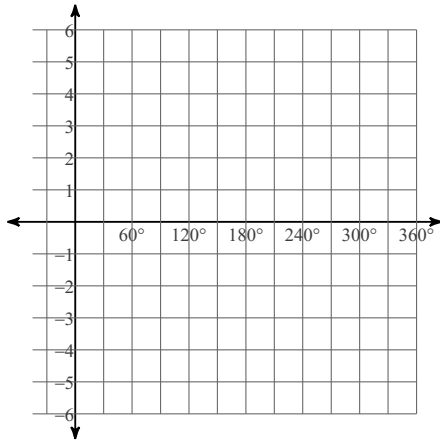
5) $y = \frac{1}{2} \cdot \cot(\theta + 90) - 1$



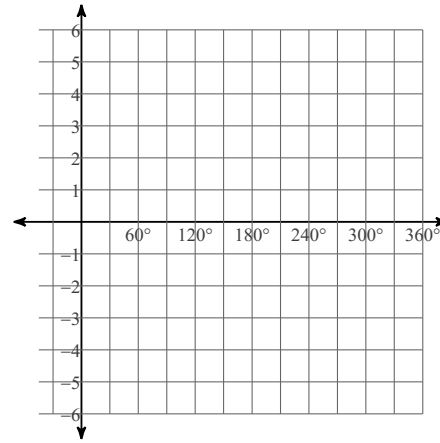
6) $y = \tan(\theta + 120) - 1$



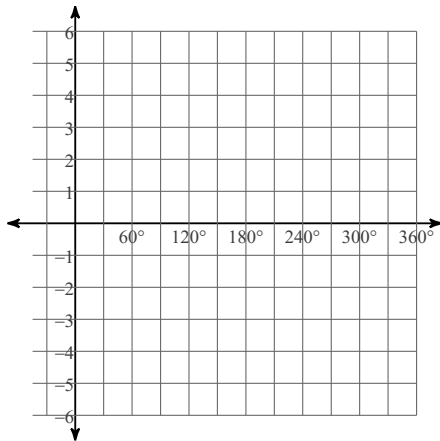
7) $y = -2 + 2\cot(\theta + 150)$



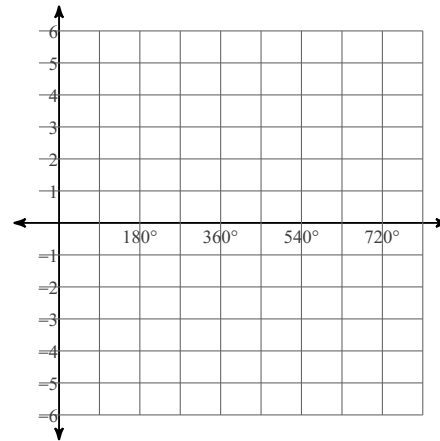
8) $y = 2 + \tan(\theta + 330)$



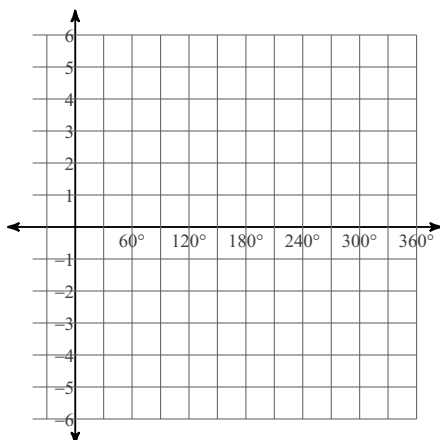
9) $y = 2\tan(2\theta - 90) - 1$



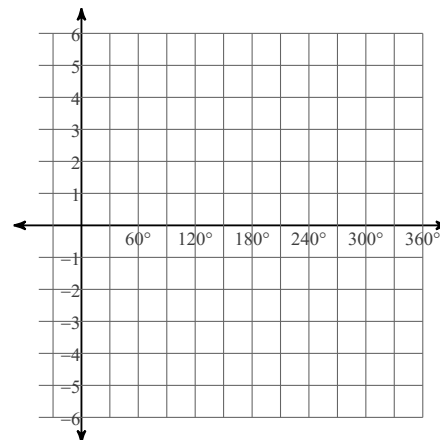
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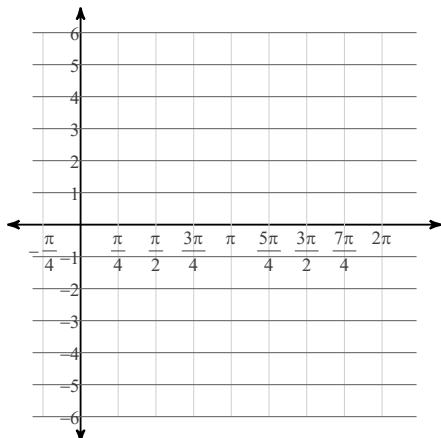


12) $y = 3\cot(2\theta + 135)$

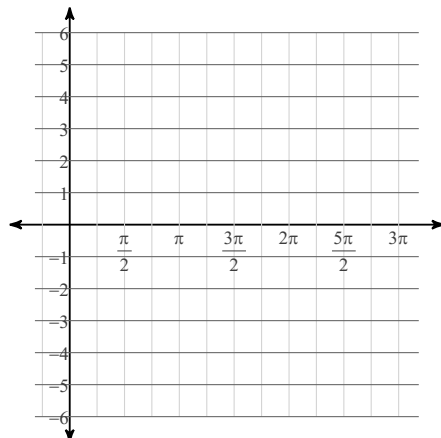


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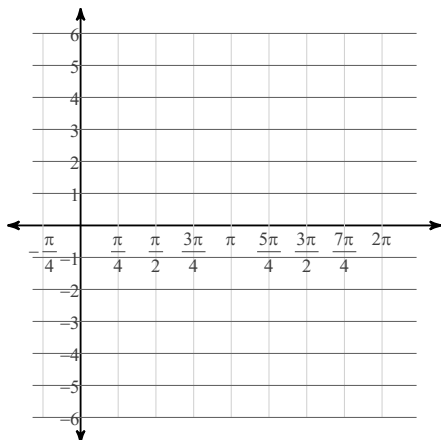
$$13) y = 4 \tan \left(\theta - \frac{2\pi}{3} \right) + 1$$



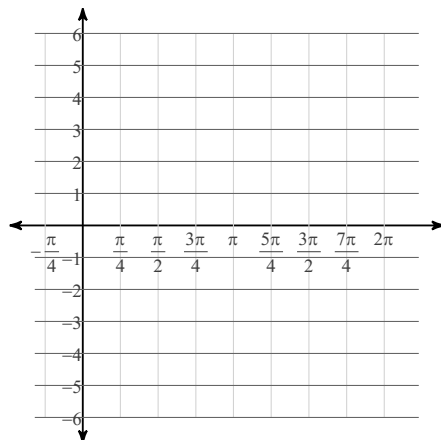
$$14) y = 3 \tan \left(\frac{\theta}{2} - \frac{2\pi}{3} \right) + 1$$



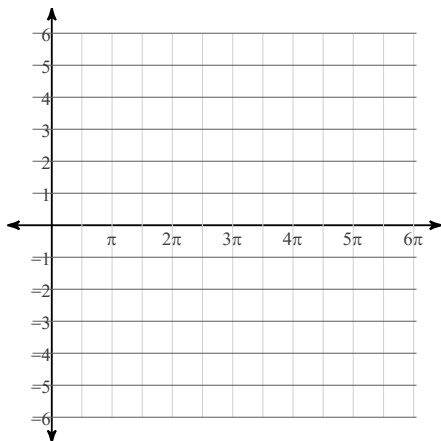
$$15) y = 3 \cot \left(2\theta + \frac{5\pi}{4} \right) + 2$$



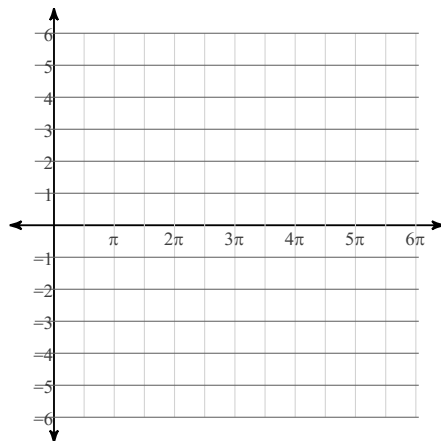
$$16) y = 4 \cot \left(2\theta - \frac{5\pi}{4} \right) - 1$$



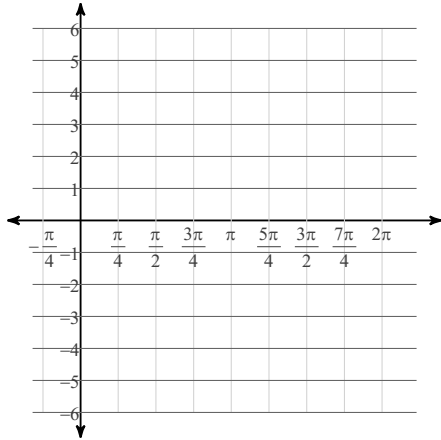
$$17) y = 4 \sin \left(\frac{\theta}{2} - \frac{\pi}{4} \right) - 1$$



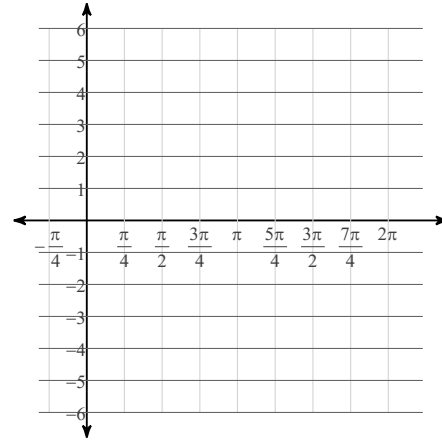
$$18) y = \frac{1}{2} \cdot \csc \left(\frac{\theta}{2} + \frac{3\pi}{4} \right) + 2$$



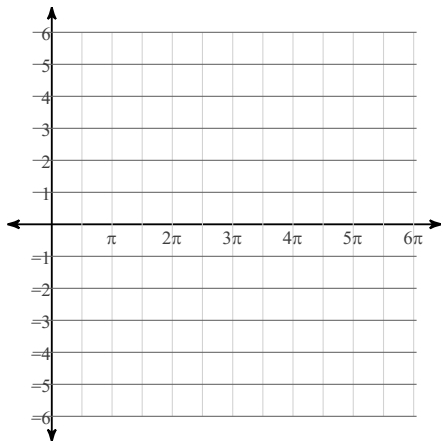
$$19) y = 4\cos\left(3\theta - \frac{4\pi}{3}\right) - 1$$



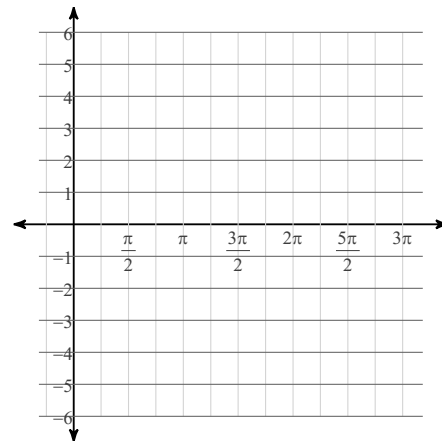
$$20) y = 2\tan\left(2\theta - \frac{5\pi}{4}\right) - 2$$



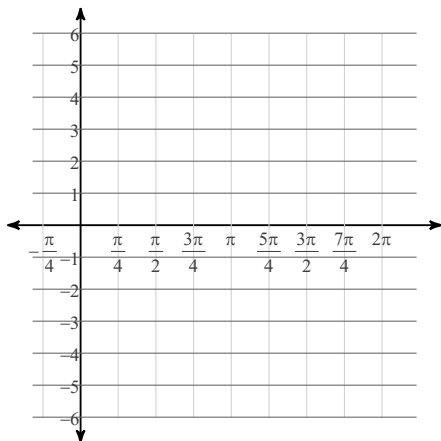
$$21) y = 3\sec\left(\frac{\theta}{2} + \frac{3\pi}{4}\right) + 1$$



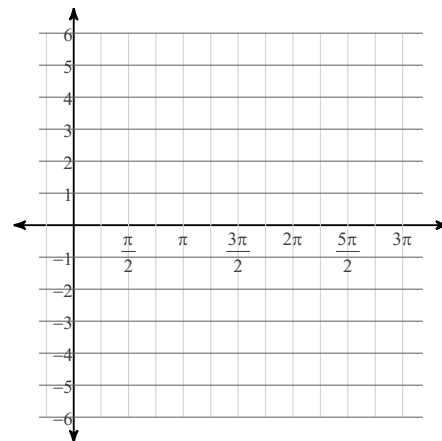
$$22) y = 2\cot\left(\frac{\theta}{2} + \frac{3\pi}{4}\right) + 2$$



$$23) y = 3\cot\left(2\theta - \frac{\pi}{4}\right) + 2$$



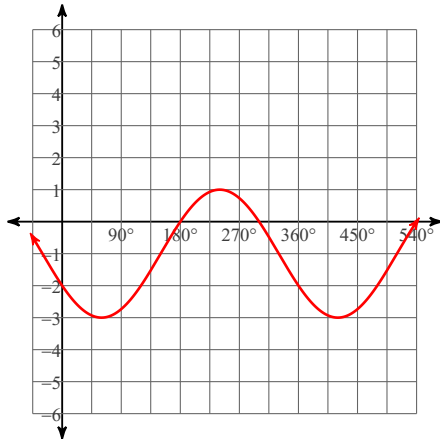
$$24) y = -2 + 2\tan\left(\frac{\theta}{2} - \frac{\pi}{6}\right)$$



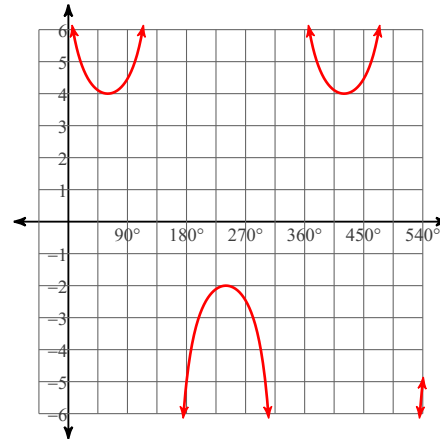
Graphing Tangent, Cotangent, and Friends

Graph each function using degrees.

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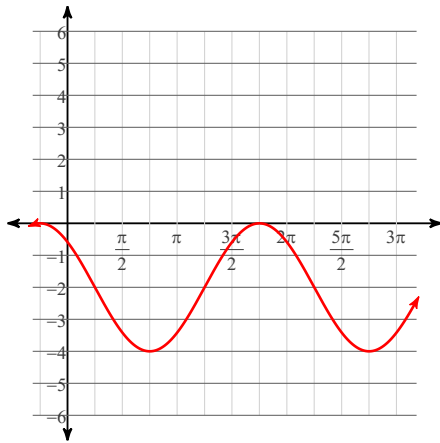


2) $y = 3\sec(\theta - 60) + 1$

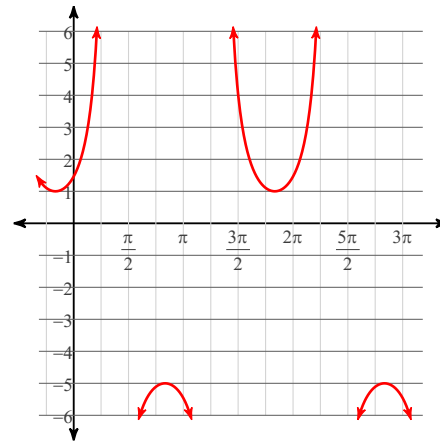


Graph each function using radians.

3) $y = 2\cos\left(\theta + \frac{\pi}{4}\right) - 2$

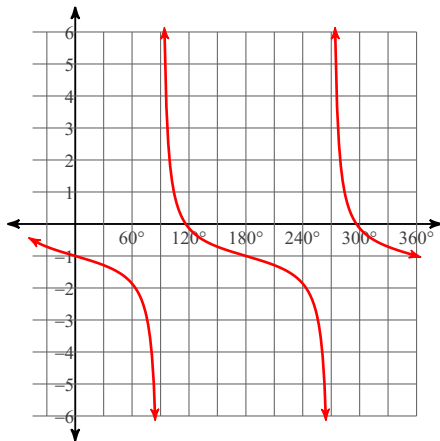


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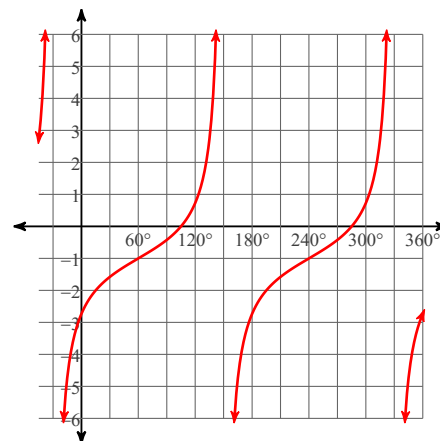


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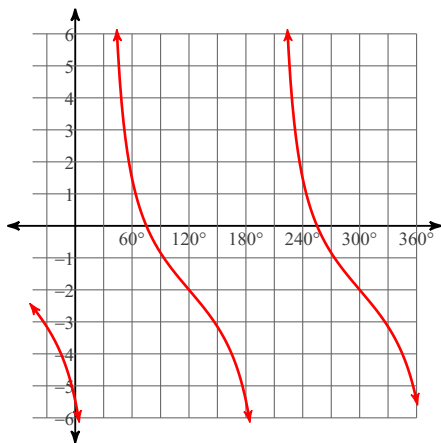
5) $y = \frac{1}{2} \cdot \cot(\theta + 90) - 1$



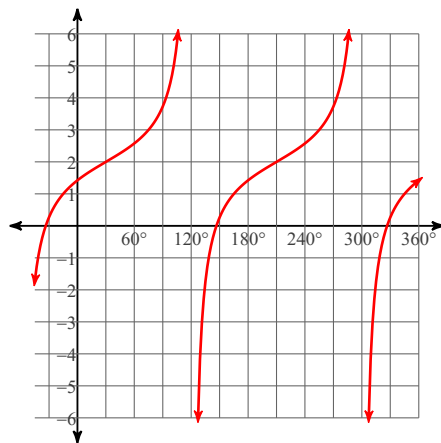
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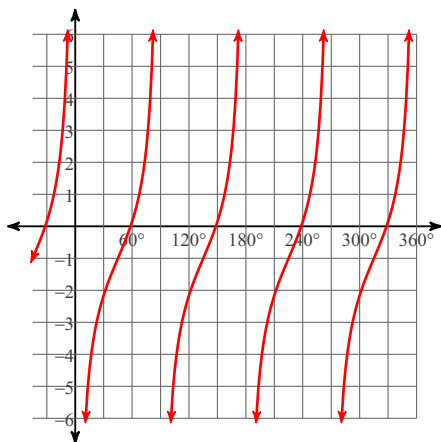
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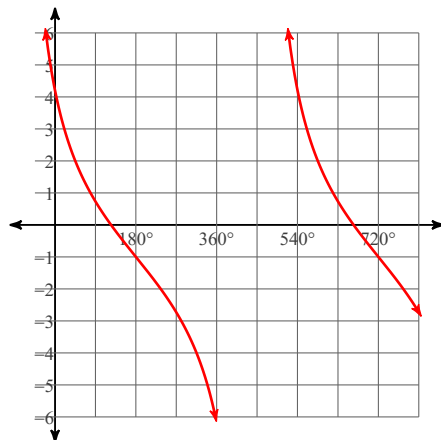
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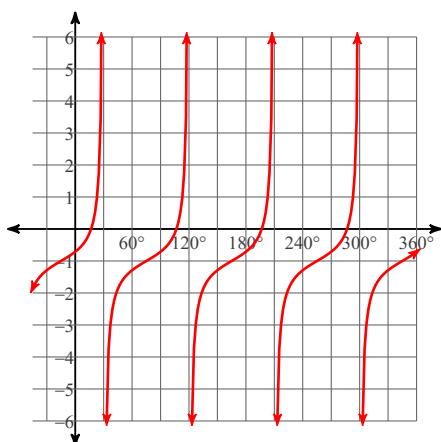
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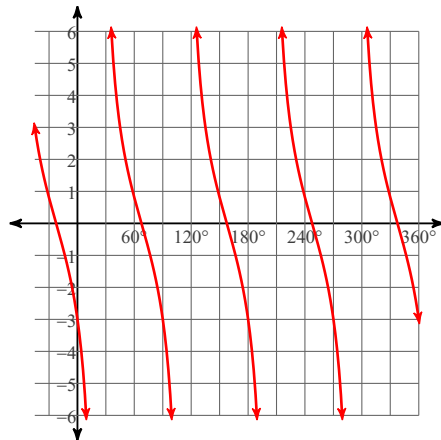
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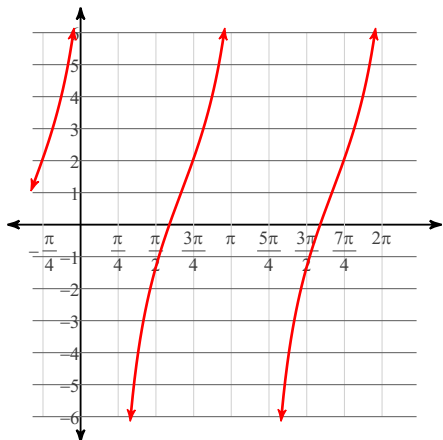


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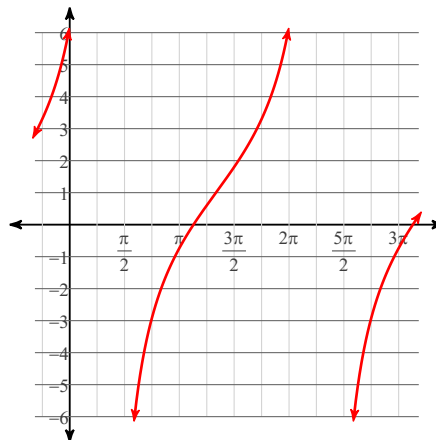


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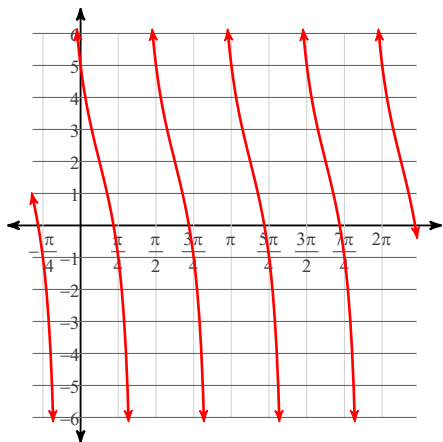
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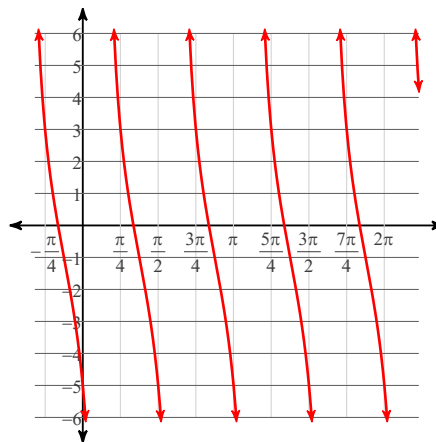
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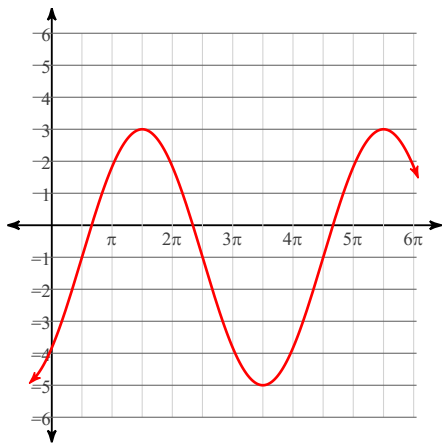
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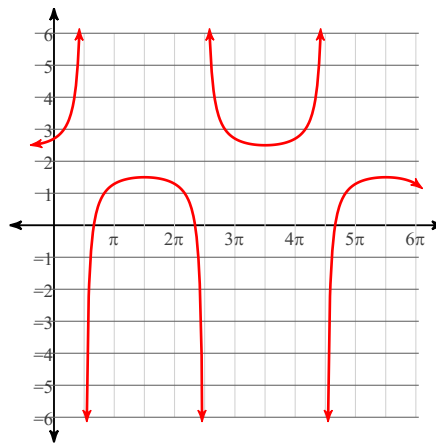
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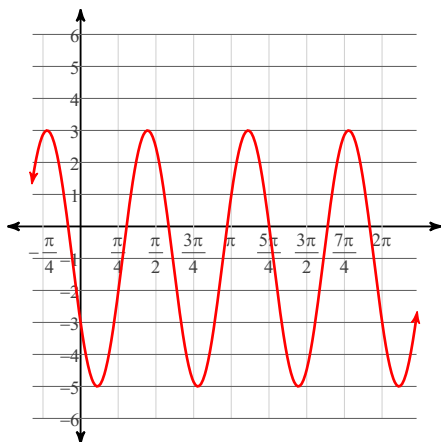
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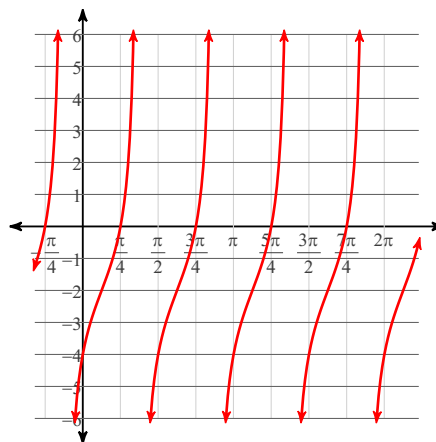
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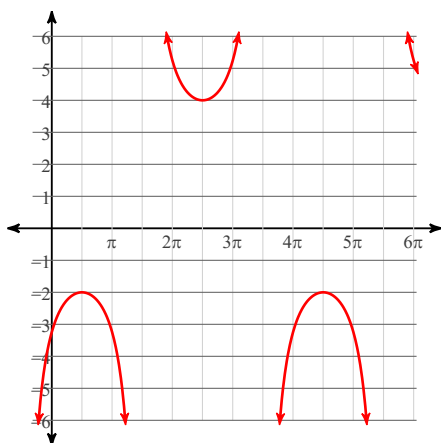
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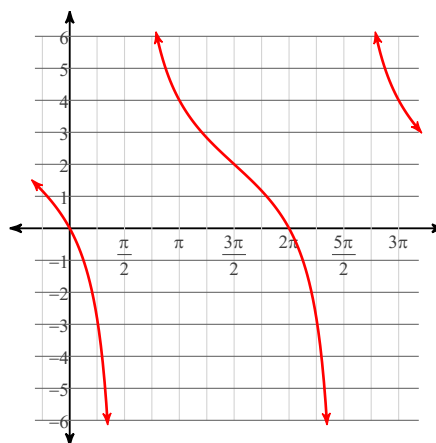
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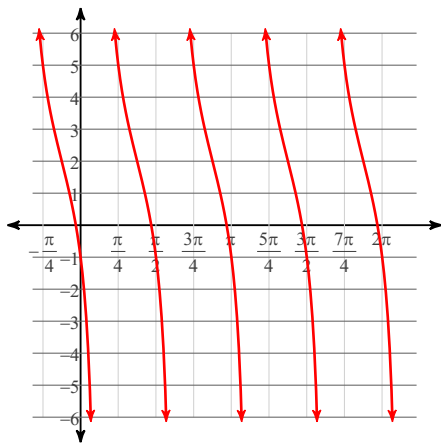
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