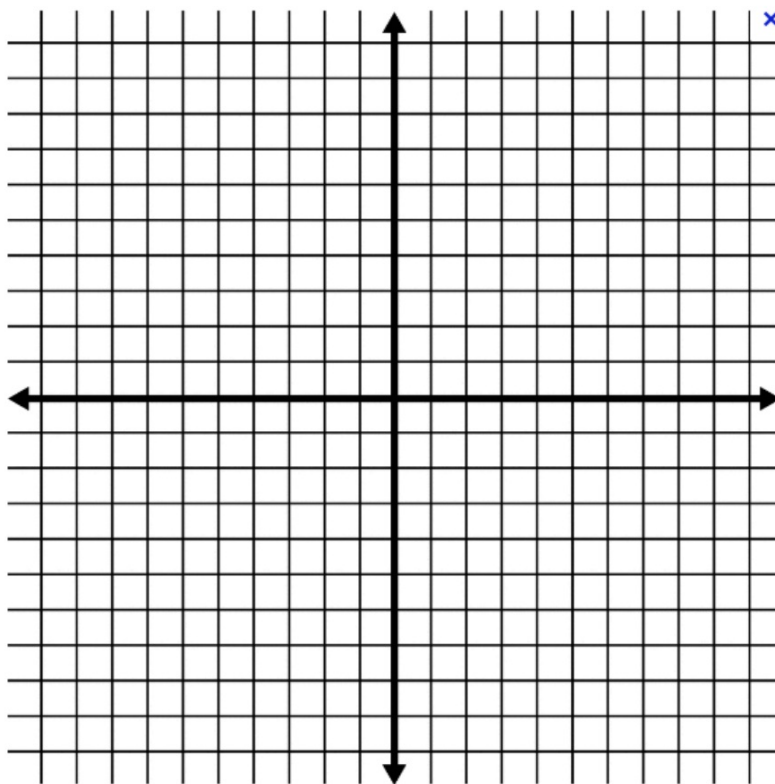


Warm - Up
Graph $y = 3\sin(5x + \pi/4)$



SWBAT graph tangent and cotangent functions

Agenda:

Warm - Up

HW Q's

Graphing Tangent

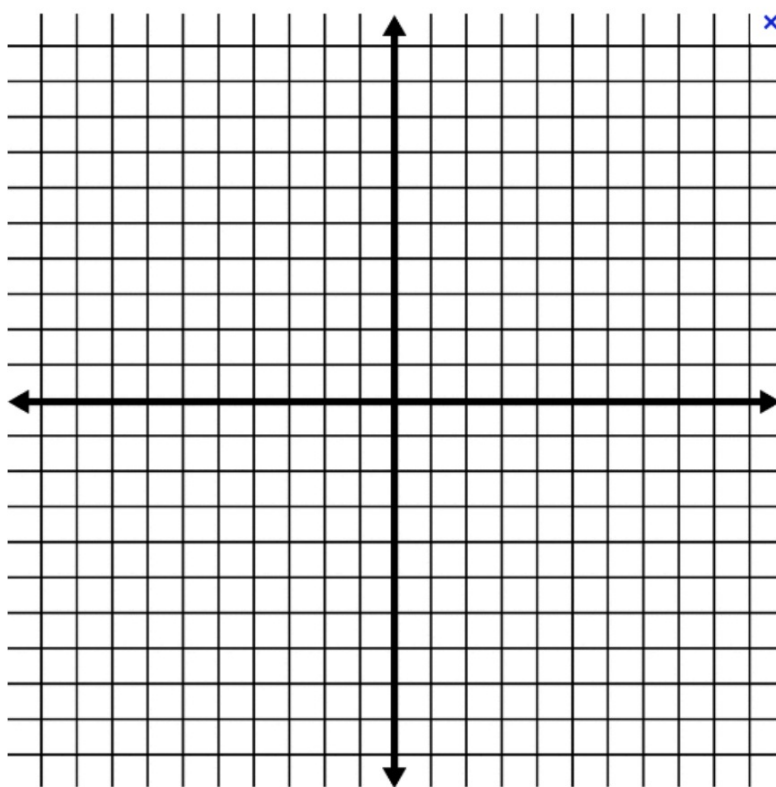
Graphing Cotangent

HW - Book Pg 401 #2,4,5,6,9,10,17,20,21,22,24,25,27

Quiz on Friday: FRONT is Unit Circle AGAIN

BACK is Graphing SINE and COSINE

Graph $y = 2\cos(x/3 - \pi/2)$



Graphing Tangent

Tangent is undefined where?

Tangent is zero where?

Graphing $y = \tan(x)$

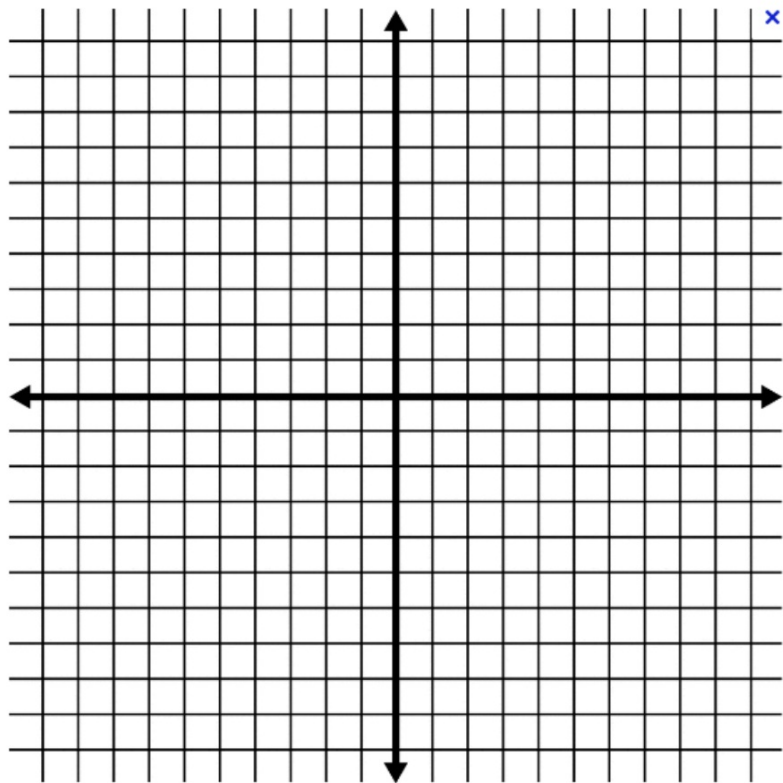
Domain:

Range:

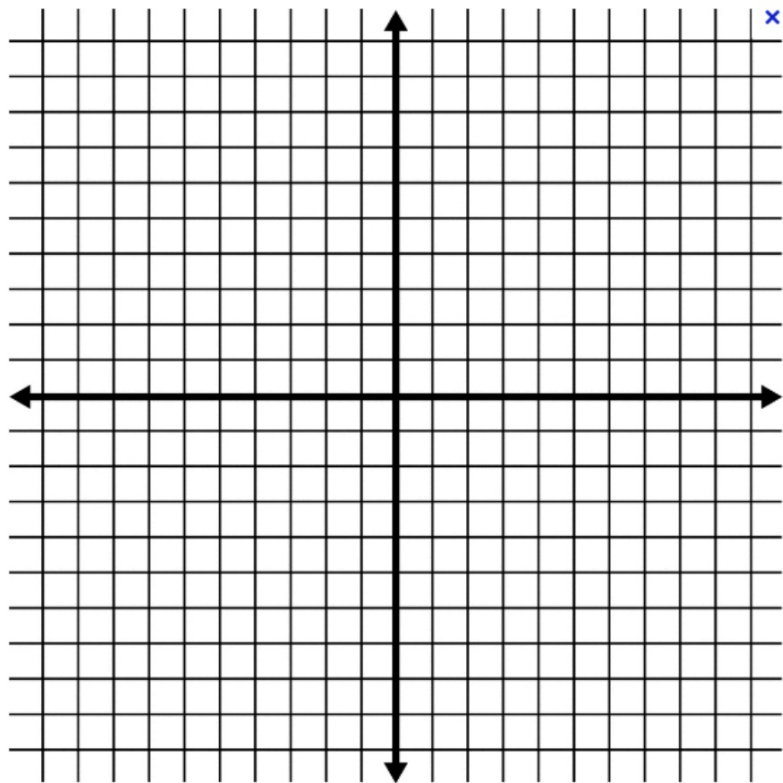
Asymptote(s):

Continuous?

Inc/Dec?



Graphing $y = \tan(2x)$



Graphing $y = \cot(x)$

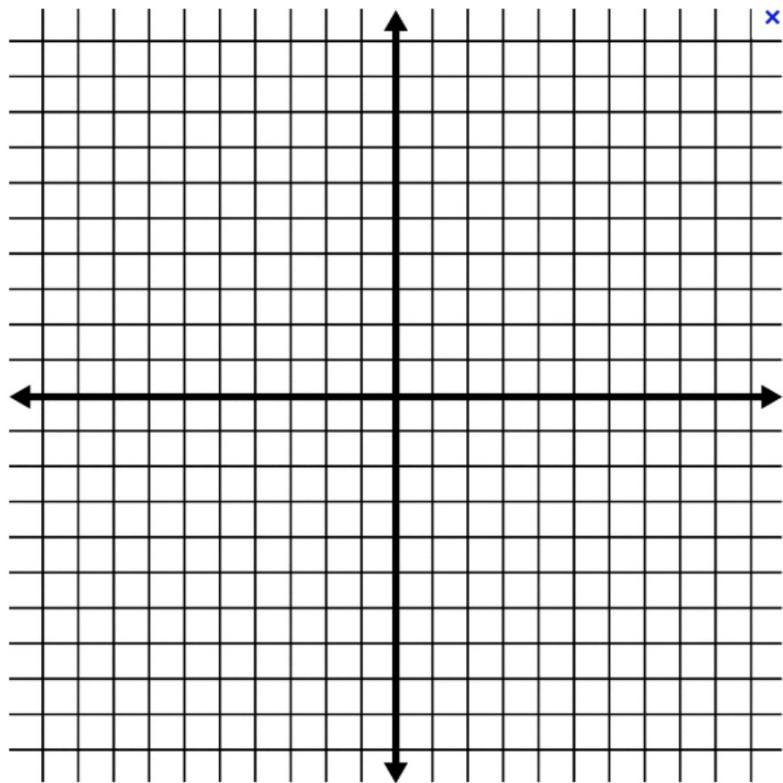
Domain:

Range:

Asymptote(s):

Continuous?

Inc/Dec?



Graphing $y = \tan(x/3)$

