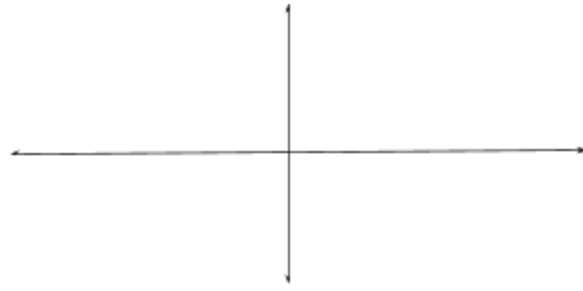


6.5 Tangent and Cotangent Functions
Honors Algebra 2 with Trig

Tangent:

$$y = A \tan(Bx - C) + D$$

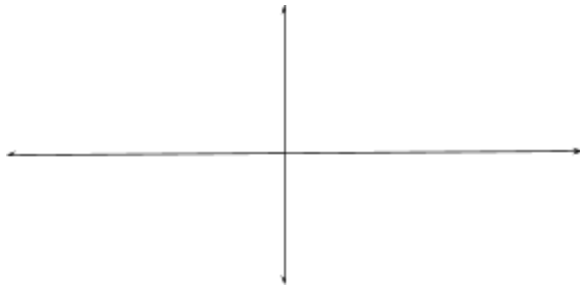
Period:



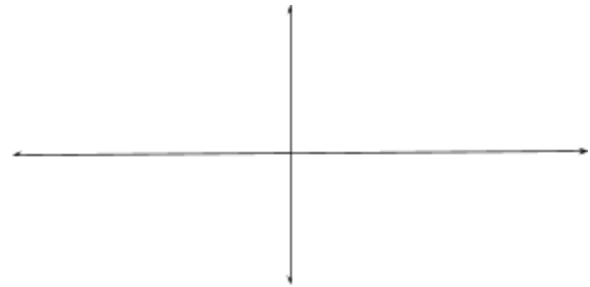
Graph the following:

1. $y = 2 \tan 3x$

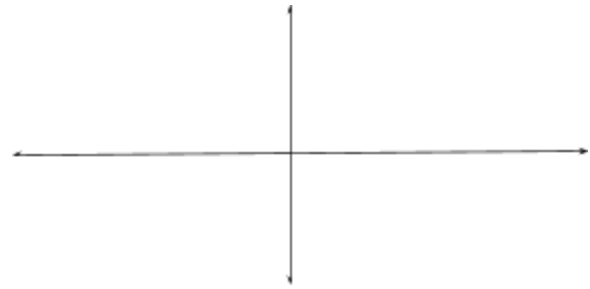
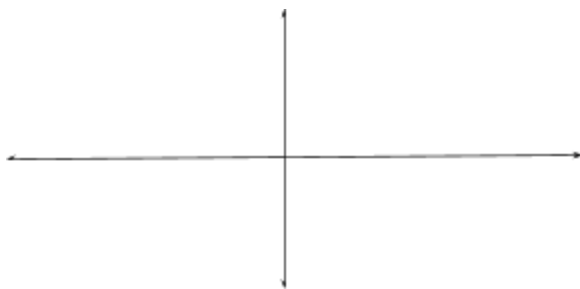
3. $y = \tan(x + \pi)$



2. $y = -3 \tan \frac{1}{2}x$



4. $y = \tan 3x + 2$

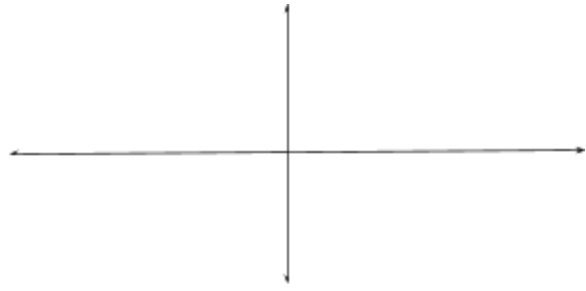


6.5 Tangent and Cotangent Functions
Honors Algebra 2 with Trig

Cotangent:

$$y = A \cot(Bx - C) + D$$

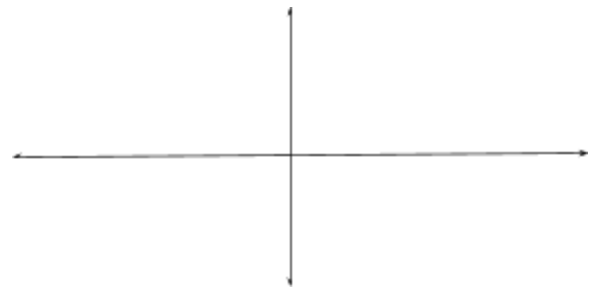
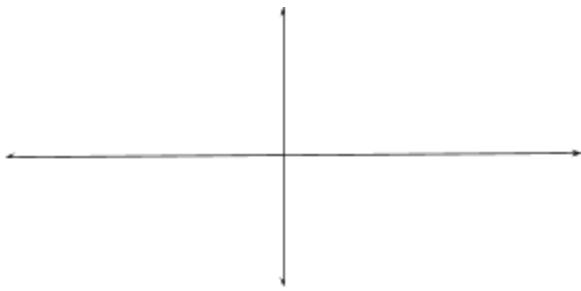
Period:



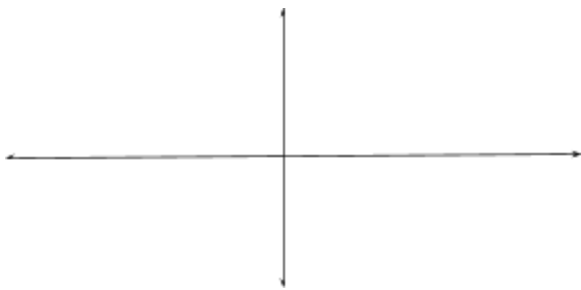
Graph the following:

5. $y = \frac{1}{2} \cot 2x$

7. $y = \cot(2x - \frac{3\pi}{2})$



6. $y = 1 + \cot(x - \frac{\pi}{4})$



6.5 Tangent and Cotangent Functions
Honors Algebra 2 with Trig