

## March 18

1. Next week:

a. Monday & Tuesday – Review graphs of the trig functions

b. Block day – Quiz

2. Today, determine the period & at least 3 vertical asymptotes for the following (extra credit for graphing by hand):

a.  $y = 2 \tan \left( 2x + \frac{\pi}{2} \right) - 1$

b.  $y = \tan \left( \frac{1}{3}x - \pi \right) + 4$

c.  $y = \frac{3}{4} \cot(-3x + \pi) + 2$

d.  $y = -\cot\left(\frac{1}{2}x - \frac{\pi}{2}\right)$