## March 15

1. Determine 3 vertical asymptotes for each of the following functions:
a. $y=2 \csc \left(x+\frac{\pi}{2}\right)+3$
b. $y=3 \csc \left(2 x-\frac{\pi}{2}\right)-1$
c. $y=\frac{1}{2} \sec \left(\frac{1}{2} x+\pi\right)$
d. $y=\sec \left(x-\frac{3 \pi}{2}\right)+4$
