1/26/15 csc/sec graphs



Steps for Sketching Secant and Cosecant(4)	 Graph the underlying sine (for cosecant) or cosine (for secant) graph. Plot vertical asymptotes where the underlying sin/cos crosses the centerline. Mark all the min and max visible on the underlying sin/cos. Sketch the sec/csc by drawing parabola-like curves between the asymptotes and through the points marked step 3.
Example	$y = 2 \csc\left(\frac{1}{2} \times \frac{\pi}{4}\right) + 3$ $y = f(x)$ $y = 2 \csc\left(\frac{1}{2} \times \frac{\pi}{4}\right) + 3$ $y = r(x)$ $y = r$