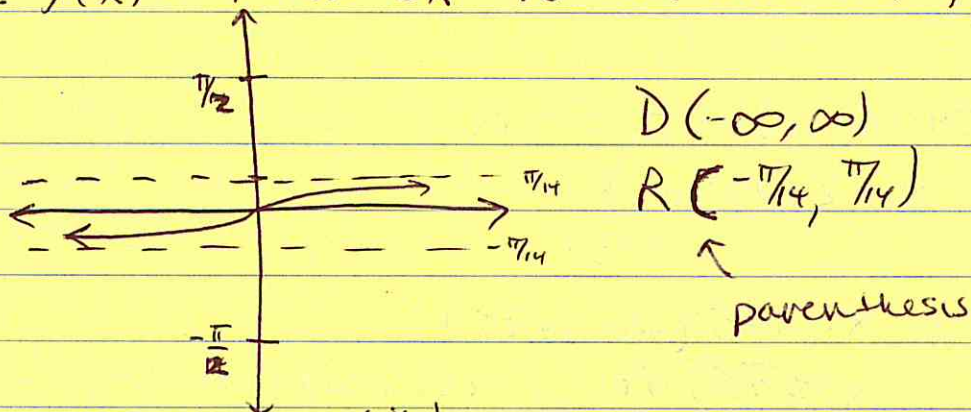
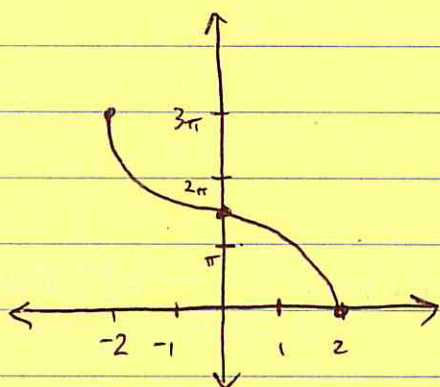


7. $f(x) = \frac{1}{7} \tan^{-1} 5x$ Vertical shrink of $\frac{1}{7}$, Horizontal shrink of $\frac{1}{5}$

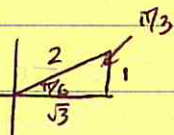


8. $f(x) = 3 \cos^{-1}(\frac{x}{2})$ Vertical stretch of 3, horizontal stretch of 2



$D[-2, 2]$ $R[0, 3\pi]$

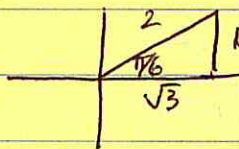
9. $\sin^{-1}(\cos \pi/6)$ $\cos \pi/6 = \frac{\sqrt{3}}{2}$ $\sin^{-1}(\frac{\sqrt{3}}{2}) = \pi/3$



10. $\tan(\sin^{-1}(-\frac{\sqrt{2}}{2}))$

$\tan(-\pi/4) = -1$

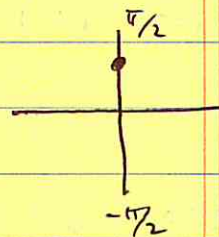
11. $y = \cos^{-1}(\frac{\sqrt{3}}{2})$



$y = \pi/6$

12. $y = \sin^{-1}(1)$

$y = \pi/2$



13. $y = \tan^{-1}(-\sqrt{3})$

$y = -\pi/3$

