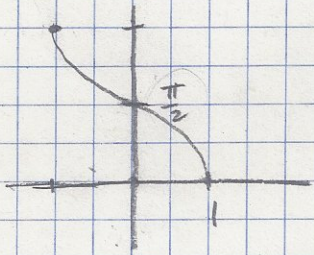
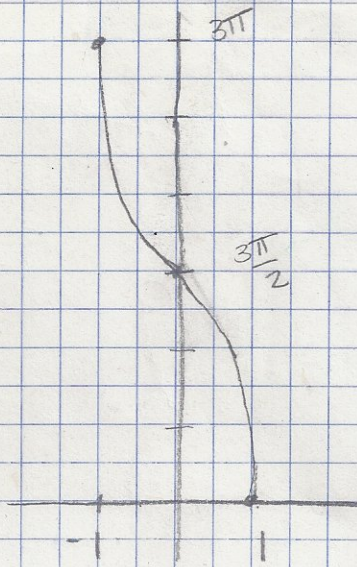


9)  $y = 3 \arccos x$



parent graph



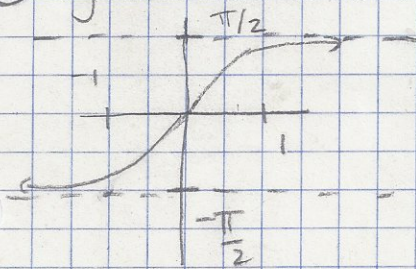
$\arccos 0$

$3 \left( \frac{\pi}{2} \right)$

$3 \arccos x$

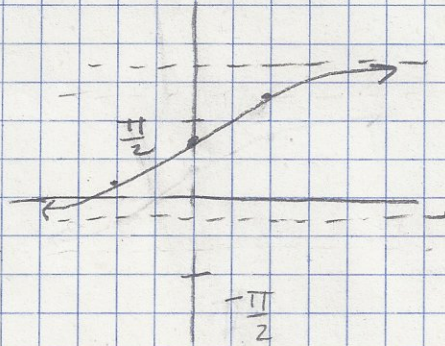
mult by 3

10)  $y = \arctan x + 1$



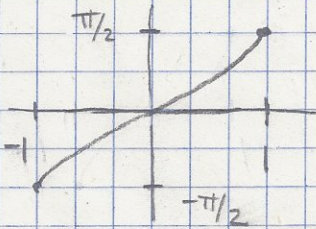
parent graph

shift it up 1

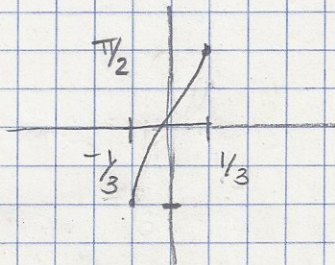


$-\frac{\pi}{2} + 1 = -0.57$   
 $\frac{\pi}{2} + 1 = 2.57$

11)  $y = \sin^{-1} 3x$



parent graph



horizontal compression by  $\frac{1}{3}$

12)  $y = \tan^{-1}(x+3)$

