





$$\frac{d}{dx} \sec^{-1}x + \sqrt{(x^2 + 1)} =$$



Ex 8)
$$y = 3x^2 + 4x + 2$$

 $y(1) =$
 $y'(1) =$
 $y_{-1}(9) =$
 $(y_{-1})'(9) =$

Ex 9)
If
$$f(x) = 3x^2 - x$$
 and $g(x) = f_{-1}(x)$, then $g'(10) =$