## Please Differential

$$6 \ y = 2x^4 - 5x^3 + 6x^2 - 9x + 8$$

$$7 \ 2\cos(3x) - \frac{1}{2}\sin(2x)$$

$$8 e^{2x} + in(3x)$$

9 
$$(2x^3 - x)^4$$

10 
$$y = \arctan(4x)$$