

Please Differential

$$36 \quad y = \ln(x^2 + 1)$$

$$37 \quad y = \ln(\cos x)$$

$$38 \quad y = \sqrt{x} * \ln(x)$$

$$39 \quad y = \sqrt{x} \sin x$$

$$40 \quad y = \frac{x^2 - 2x + 1}{x^3 - x^2 - x + 1}$$