Quiz 14

Directions   Use logarithmic differentiation to find the derivatives of the given functions.

1. $y = (5x + 3)^x$

2. $y = \sqrt{x} \, \sin(x) \cos(x)$

Directions   Use logarithmic differentiation to find the derivatives of the given functions

1. $y = x^{5x+3}$

2. $y = x^2 \cos(x) \sin(x)$