1. Find the derivative of the equation

$y=\sqrt{1-x^{2}}$ using the chain rule. Show each of the steps you used to arrive at your solution.

1. Find the derivative of the equation

$y=ln⁡(1-x^{2})$ using the chain rule. Show each of the steps you used to arrive at your solution.

1. Find the derivative of the equation

$y=sin⁡(1-x^{2})$ using the chain rule. Show each of the steps you used to arrive at your solution.

1. Find the derivative of the equation

$y=e^{1-x^{2}}$ using the chain rule. Show each of the steps you used to arrive at your solution.