Module 1.4

Use the chain rule to compute the symbolic derivative with respect to x of the following function.

$f(x, y) = (\exp(10xy))^2 + 95\sin(y)$

What is $f'_x(x, y)$?

1 1 point

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- 20 exp(10 x)
- 20 y exp(20 x y)
- 20 exp (x)^2 + 95 sin(y)
- 20 y exp(20 x y) + 95 cos(y)
- 20 y exp(10 x y)

2 1 point

How many Function calls are there in the original function with no reductions? (a function can take at most 2 arguments)

Type your answer...