



Question

For the function $f(x, y) = e^x \sin(xy^2)$ which formula is correct?

- A. $f_y = e^x \cos(xy^2)$
- B. $f_y = 2ye^x \cos(xy^2)$
- C. $f_y = 2xye^x \cos(xy^2)$
- D. $f_y = e^x \sin(xy^2) + 2ye^x \cos(xy^2)$
- E. None of the above.