



Question

To compute $\iint_{\mathcal{R}} xe^{xy} dA$ over the rectangle \mathcal{R} given by $2 \leq x \leq 4$, $-1 \leq y \leq 5$, which iterated integral would be easiest to compute?

- A. $\int_{-1}^5 \int_2^4 xe^{xy} dx dy$
- B. $\int_2^4 \int_{-1}^5 xe^{xy} dy dx$
- C. It doesn't matter.
- D. There is not enough information to decide.