

Iterated Integrals



Question

A rectangular solid S with sides parallel to the coordinate planes is shown in the figure. Which of the following iterated integrals definitely does NOT compute the volume of S ?

A. $\int_1^9 \int_1^2 9 \, dx dy$

B. $\int_3^{12} \int_1^9 1 \, dy dz$

C. $\int_1^9 \int_1^2 9 \, dy dx$

D. $\int_1^9 \int_3^{12} 1 \, dz dy$

