

# Double Integrals over General Regions



## Question

Which of these iterated integrals computes the area of the region shown?

- A.  $\int_0^4 \int_0^{\sqrt{x}} 1 \, dydx$
- B.  $\int_0^4 \int_0^2 \sqrt{x} \, dydx$
- C.  $\int_0^2 \int_{\sqrt{x}}^4 1 \, dx dy$
- D.  $\int_0^2 \int_0^{y^2} 1 \, dx dy$

