



# The Integral Test

## Question

The figure shows the graph of a function  $f$ . If  $a_n = f(n)$  for  $n \geq 1$ , then what is the area of the darker shaded region?

- A.  $\int_3^4 f(x) dx$
- B.  $a_3$ .
- C.  $a_4$ .
- D. Not enough information is given.

