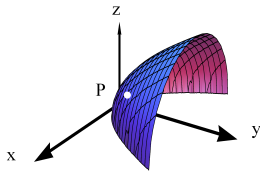


## Question

The graph of a function  $f(x, y)$  together with a point  $P = (a, b, f(a, b))$  is shown at right. What are the signs of the partial derivatives at the point  $(a, b)$ ?



- A.  $f_x(a, b) < 0, f_y(a, b) < 0$
- B.  $f_x(a, b) > 0, f_y(a, b) < 0$
- C.  $f_x(a, b) < 0, f_y(a, b) > 0$
- D.  $f_x(a, b) > 0, f_y(a, b) > 0$