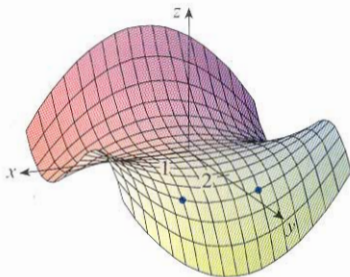


**5–6** ||| Determine the signs of the partial derivatives for the function  $f$  whose graph is shown.



**5.** (a)  $f_x(1, 2)$

(b)  $f_y(1, 2)$

**6.** (a)  $f_x(-1, 2)$

(b)  $f_y(-1, 2)$

(c)  $f_{xx}(-1, 2)$

(d)  $f_{yy}(-1, 2)$