

Question

Suppose L(x,y)=-1+5(x-2)-7(y-3) is the linearization of f(x,y) at (2,3). The y=3 trace of the graph of z=f(x,y) is a curve. What is the slope of the tangent line to that curve at the point (2,3,-1)?

- A. -7
- B. 5
- C. -1
- D. There is not enough information to decide.