

Math 324 B - Winter 2017
Midterm exam 1 answer key

1. (a) $\nabla f(1, -1, 0) = \langle -2, 2, 1 \rangle$. (b) $D_{\hat{j}} f(3, 2, -1) = -2$.
2. $4/15$
3. (a) False. (b) False. (c) True. (d) False.
4. (a) 5.