

Math 324 B, Fall 2018, Quiz 3

You have 2 minutes to complete the quiz. Each problem is worth 5 points.
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Name: _____

1. Find ∇f , where $f(x, y, z) = 2xz - y + 3x$.

2. Evaluate $D_u f(1, 0, 0)$, where $u = \langle 0, 0, 1 \rangle$.