

Quiz 6 Calculus 3 11/19/2010

Each problem is worth 5 points. Clear and complete justification is required for full credit.

1. Compute the curl of the vector field $\mathbf{F}(x,y,z) = \langle yz, xz, xy \rangle$.

2. Compute the divergence of the vector field $\mathbf{F}(x,y,z) = \langle yz, xz, xy \rangle$.

