

Math 114 Practice Questions from Chapter 16

(Answers are at the back of the textbook.)

- 16.1 Line Integrals : 9, 11
- 16.2 Vector Fields and Line Integrals : 15, 23, 27
- 16.3 Path Independence, Conservative Fields, and Potential Functions : 3, 5, 9, 19, 21
- 16.4 Green's Theorem : 21, 23, 31
- 16.5 Surface Area : 41, 45, 49
- 16.6 Surface Integrals : 3, 9, 35
- 16.7 Stokes' theorem : 5, 7, 11
- 16.8 Divergence Theorem : 7, 9, 13