MTH 281 Test 3 Rogowski Examples:

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| **Topic** | **Section** | **HW #** | **Example** |
| Triple Integrals | 15.3 | 9 | Ex 2 & 3 p.888 |
| Integration in Polar, Cylindrical & Spherical Coordinates | 15.4 | 10 | Ex 1 Ex 3 p898 - 900 |
| Change of Variables | 15.6 | 11 | Ex 4 p.923 Ex 6 p927 |
| Vector Fields | 16.1 | 11 | Ex 2 p940 |
| Line Integrals | 16.2 | 12 | Ex 1 p948 Ex 5 p952 Quiz 3 |
| Conservative Vector Fields | 16.3 | 12 | Ex 1,2,3 p964 Ex 6 p969 |
| Parametrized Surfaces and Surface Integrals | 16.4 | 13 | Ex 4 p981 |
| Green’s Theorem | 17.1 | 13 | Ex 1,2 p1005 Ex3 p1006 |