

MATH 402 Homework 7

Due Friday 3/16/18

problems are from Hvidsten's "Exploring Geometry"

- (1) (10pts) 5.2.8, 5.2.10
- (2) (10pts) 5.3.3, 5.3.6
- (3) (5pts) 5.3.10
- (4) (10pts) 5.4.1, 5.4.2
- (5) (10pts) 5.4.8, 5.4.9
- (6) (5pts) Give a completely geometric proof of Theorem 5.9, i.e. one that does not use the introduction of a coordinate system.