

April 2005  
JMM

**Matematik 5GE**  
Assignment 3  
**Mathematics is not a spectator sport**

**Exercise 8.3:** p 138

**Problem 8-9:** p 151

**Problem 8-13:** p 153 (only the first part)

Problem 8-13 is used in

J.Weeks: The Poincare dodecahedral space and the missing fluctuations  
to determine the possible models for the universe.

(Due: Tuesday May 10th )