

Study Guide Final Exam Math 131, Spring 2011

—About 60% of the final will cover chapters 7, 8, and 9.

— You should review your homework problems (including problems assigned in class), the activities, worksheets done in class, the two midterms, and the three review packets.

— You should know how to prove:

-area of triangles (p.122-123)

-Pythagorean theorem (p.130, #13 p.133, p.151)

-the slopes of perpendicular lines (p.164)

-area of circle (p.182-183)

-sum of interior angles of a polygon (p.69-70)

-the relationship between the sides of special triangles (p.139-141)

—You should be able to prove a statement using the "elementary proof" format

—A part of the exam will be multiple choices.

Please bring a non-graphing calculator to the exam. You do not need your "tools".

My office hours for the final will be Monday, May 9 1:00-3:00 and Tuesday, May 10 2:00-4:00.

The final will be Wednesday May 11, 7:45-9:45AM in room B105 Van Vleck.