

Math 310 Problem Solving for High School Teachers
Spring 2016
Lecturer: Dr. Paullin
Homework 3-Lines on a Plane

This homework is due in class on **Wednesday, February 10th**.

Play around with this problem and come up with a solution. Then prove your solution using induction.

If n lines are drawn in a plane, and no two lines are parallel, how many regions do they separate the plane into?