

Review 1 (Tuesday, September 19)

1. Exercise 5, page 24.
2. A tromino is an L-shaped tile formed by three adjacent squares of a chessboard. Prove by induction on $n \geq 1$ that any $2^n \times 2^n$ chessboard with one square missing can be completely covered by trominoes, regardless of the location of the missing square.
3. Exercise 8 part (a), page 69.