The 10a: What is the largest number of squares on an 8x8 checkerboard which can be colored green, so that in any arrangement of three squares which can be colored green, so that in any arrangement of three squares (a tremino), at least one square is not colored green? (The tromino may appear (a tremino), at least one square is not colored green? (The tromino may appear (a tremino), at least one square is not colored green? (The tromino may appear (a tremino), at least one square is not colored green? (The tromino may appear (a tremino), at least one square is not colored green? (The tromino may appear (a tremino), at least one square is not colored green? (The tromino may appear (a tremino), at least one square is not colored green? (The tromino may appear (a tremino), at least one square is not colored green? (The tromino may appear (a tremino), at least one square is not colored green? (The tromino may appear (a tremino), at least one square is not colored green? (The tromino). Strategy 2+2:2 18x8:32 . I will try to show that can let 32 is the optimal answer, i.e. if any of the 33 squares Will is colored green, then we are guaranteed to get a tromino where every square is green. ·So, when 32 of the squares is colored green following any Particular strategy which satisfies the given condition, we need to show that for each non-green square, it's part