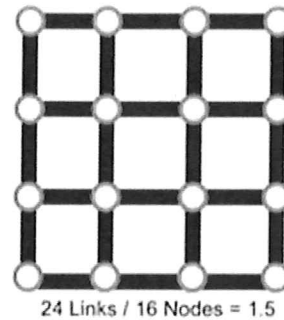
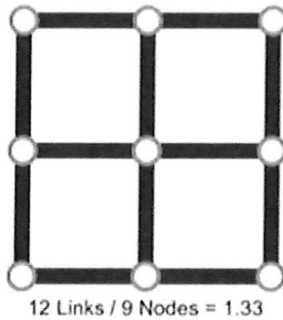
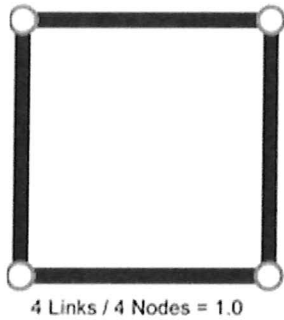


# Street Connectivity and Block Length

- The street network for all long plats shall have a minimum connectivity index of 1.4.
- The connectivity index is defined as the number of street links divided by the number of nodes and link ends (including culs-de-sac and sharp curves with 15 mph design speed or lower).



You own 10 acres within the Low Density Residential Zoning District where the density is 2 to 4 units per acre. Within a 10 acre lot you would be allowed 20 to 40 single family lots. Below is a grid where one square is 40 square feet.

How would you design a subdivision to reach the 1.4 connectivity index? (no block maybe greater than 15 blocks.)

¼ acre= 2.5 x 2.5 blocks

½ acre= 3.5 x3.5 blocks

