

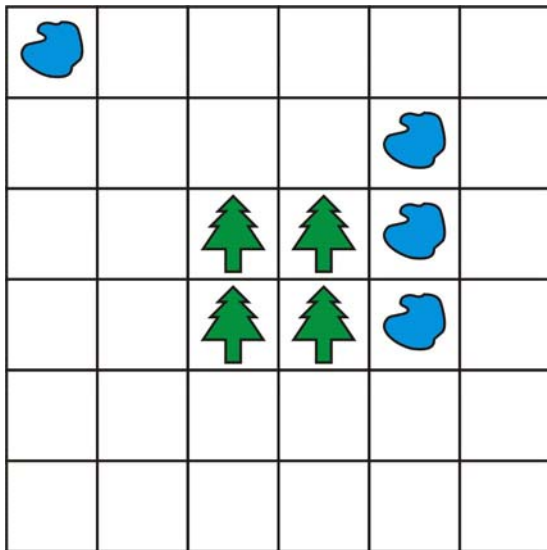
Brian's Puzzle of the Week: 1

The Swensens' Block of Land

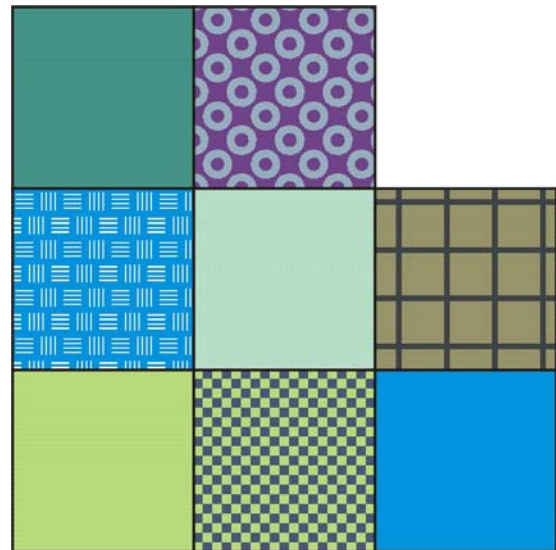
The four Swensen brothers have bought a block of land, consisting of 36 squares, with four trees and four ponds as shown on the plan below.

They've asked Caitlin the architect to divide the block of land, using the grid lines shown, into four identically shaped plots. The problem is that each brother would like one tree and one pond on his individual plot.

Can she do it? How?



Swensens' Land



Beryl's Quilt

Beryl's Quilt

Beryl has made the incomplete quilt of 8 squares shown above, and she doesn't have any material left for the missing square.

Can Beryl make a square quilt using all the material shown, by making only two straight cuts?

(She is not allowed to fold the material before making a cut, nor to cut two separate pieces of material with one cut.)