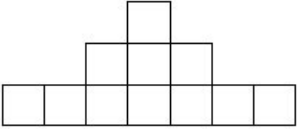# Changing perimeter

This task is about perimeter and area of shapes.

A farmer plants 11 square plots with seedlings for hedges. Each plot has at least one side in common with another plot. The farmer wants to protect the seedlings with a deer-proof fence, right around the perimeter of the 11 plots.

a) Draw 3 different arrangements for the 11 plots in the box below.
   One is already drawn for you, draw 3 more.

Example:	i)
ii)	iii)

b) Draw an arrangement that has the **shortest** possible perimeter in the box below.

c) Draw an arrangement that has the **longest** possible perimeter in the box below.