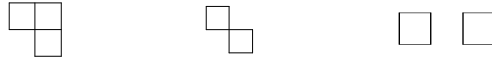


## BUILDING A GARDEN

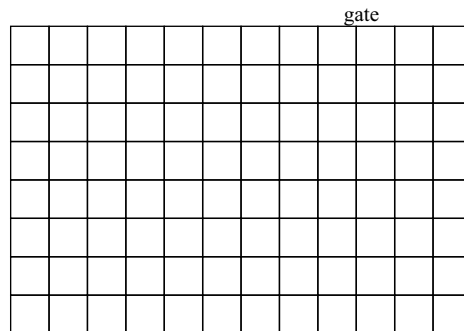
Your class is going to build a garden to grow plants to sell. The garden will be made up of planter boxes and paving stones to walk on. The garden must be wheel chair accessible so the paving stones are wide enough for wheel chairs. In order for the garden to grow well it must be weeded and watered regularly. To make sure that you can do this there are a few design rules to follow:

1. You must be able to walk beside each planter box on at least one side. This way you can take care of the plants in that box.
2. You are not allowed to step over any planter boxes. This is bad for the plants.
3. Paving stones must be connected along at least one side so that the path is wide enough for wheel chairs.



4. There must be a fence around the garden to keep animals out. The fence must have a gate. You can position the gate anywhere you want.

Last year's class designed the following garden with 46 planter boxes:



**(shaded squares are planter boxes, white squares are paving stones.)**

Your task is to design the best garden. When you have finished you must explain why your design is the best.

