

PROTECTING YOUR GARDEN

Your class has a garden that it uses to grow plants to sell. The problem is that animals keep getting in and eating the plants. Your class needs to build a fence to keep the animals out. The guidelines for building are below:

1. There must always be at least three feet of space to walk between the garden and the fence.
2. Your fence will need a 3-ft wide gate. You can position the gate anywhere you want.
3. You have three choices for buying fencing (all taxes are included):
 - 10 foot fence panels cost \$110
 - 1 foot fence panels cost \$30
 - 2 foot fence panels cost \$45
4. You cannot cut fence panels.



Your task is to design the best and most cost effective fence. Use the grid below (imagine each square is 1 foot by 1 foot). When you have finished you must explain why your design is the best.

