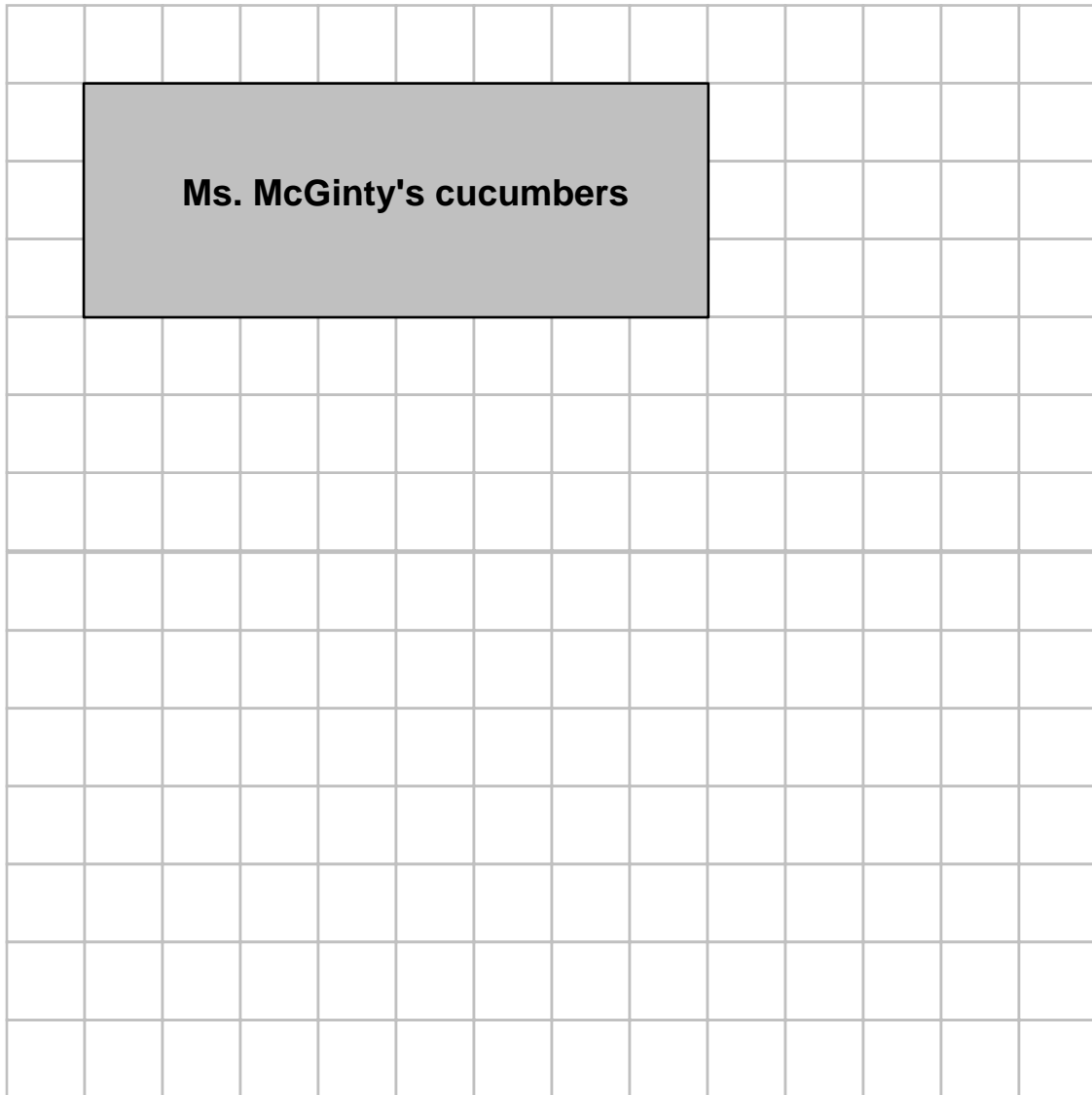# Gardens of Delight

Here is a map of Ms. McGinty's cucumber garden. In this map each square corresponds to an area of 1 square yard. The side of each square is one yard long.

Ms. McGinty's cucumbers

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1. What is the area of Ms. McGinty's cucumber garden? What is the perimeter of her garden?

2. Ms. Reilly has planted a cucumber garden with a larger area than Ms. McGinty's garden. However, Ms. Reilly does not need as much fence to enclose her garden. Using the same grid, draw a possible map of Ms. Reilly's garden.

What is the area of the garden you drew for Ms. Reilly?

What is its perimeter?

3. Ms. Duffy has planted a cucumber garden with a smaller area than Ms. McGinty's garden. However, Ms. Duffy's needs more fence to enclose her garden than Ms. McGinty needs to enclose hers. Again, using the same grid, draw a possible map of Ms. Duffy's garden.

What is the area of the garden you drew for Ms. Duffy? What is the perimeter?