



Problem of the Week

Problem A

How Many Plants?

Last year, POTW Farms grew watermelons. They used two different sizes of garden plots: single garden plots and double garden plots. In a single plot they grew one watermelon plant, and in a double plot they grew two watermelon plants. This year, they are planning to grow cantaloupes instead of watermelons. In each single plot they will grow five cantaloupe plants and in each double plot they will grow ten cantaloupe plants. The farm has 14 single plots and 26 double plots.

- (a) How many watermelon plants did the farm grow last year?
- (b) How many cantaloupe plants are they expecting to grow this year?

