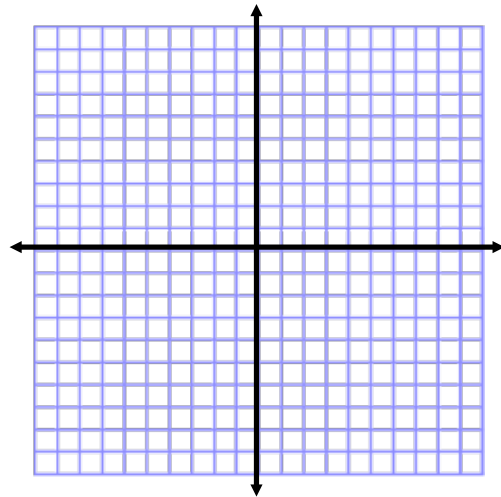


Warm-up 11-14

Solve these systems of equations by graphing.

1. $y = -2x + 1$
 $2y - 4x = -10$



2. The gardeners at the Biltmore want to plant a total of 45 white and pink hydrangeas in flower bed #1. In flower bed #2, they want to plant 120 hydrangeas. In this bed, they want 2 times the number of white hydrangeas and 3 times the number of pink hydrangeas as in the first bed. Use a system of equations to find how many white and pink hydrangeas the gardeners should buy altogether.

