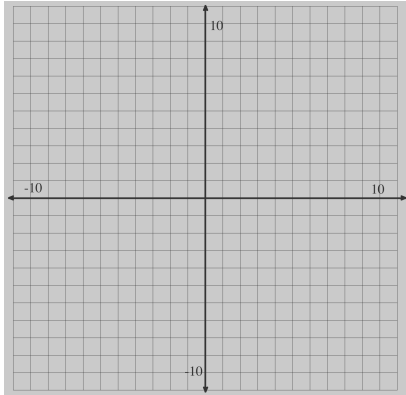
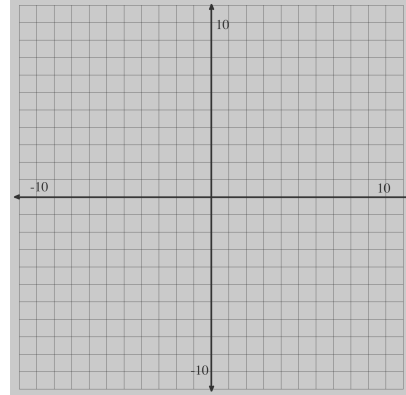


Solve the following systems by graphing. Check the solution by evaluating both equations at the point of intersection.

1. $y = x + 3$ and $y = -2x + 3$

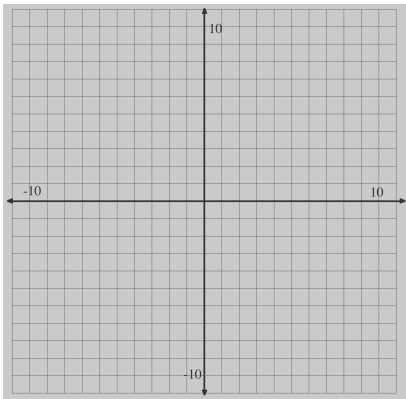


2. $y = 3x - 8$ and $y = -x$

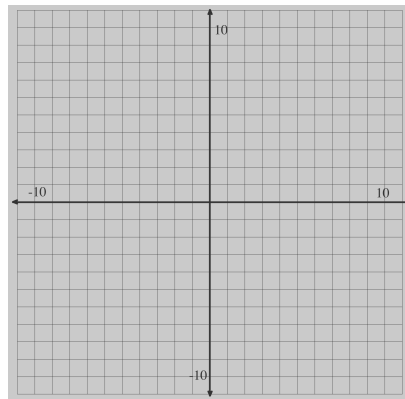


Graph each equation below. Then list three points that are a solution to the equation.

3. $y = 2x - 1$



94 $y = \frac{1}{3}x + 2$



5. The tables below represent an arithmetic sequence. Fill in the missing values.

term (x)	1	2	3	4
value (y)	17			-7

6. A theater wants to take in at least \$2000 for the matinee. Children's tickets cost \$5 each and adult tickets cost \$10 each. The theater can seat up to 350 people. Find five combinations of children and adult tickets that will make the \$2000 goal.