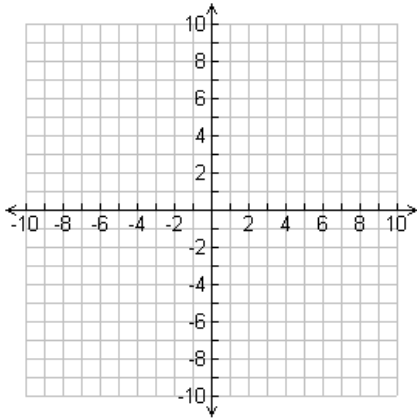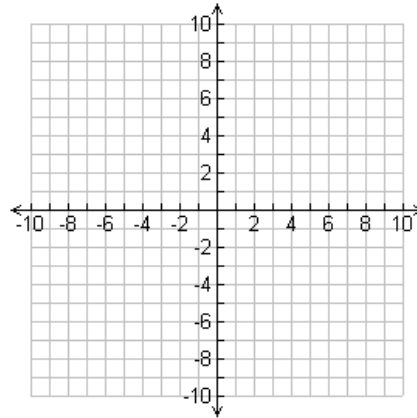**Solve each system of equations by graphing.**
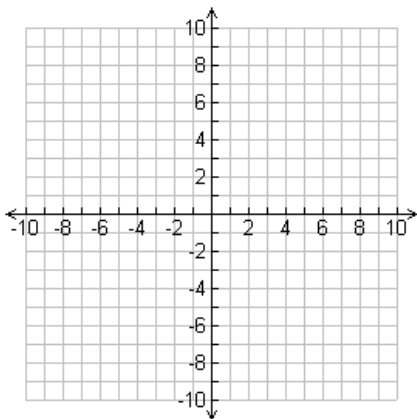
1. $y = x + 4$
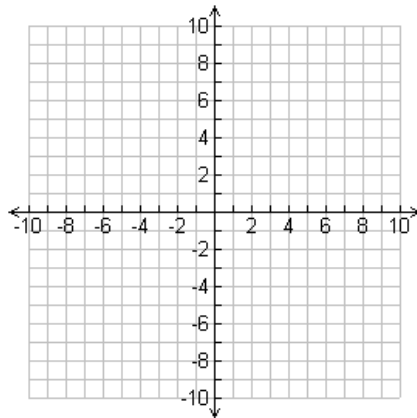 $y = -2x - 2$

2. $y = 5x - 1$
   $y = 5x + 10$

3. $y = x - 1$
   $y - x = -1$

4. $y = 6x - 3$
   $y = -3$

5. There are seventeen students in the Chess Club. There are five more boys than girls in the club. Write and solve a system of equations to find the number of boys and girls in the Chess Club.