Use substitution to find where the linear and quadratic equations intersect.

1. $y = x^2 + 4x - 5$
   $3x - y = -1$

2. $y = 2x^2 + 4x$
   $2x - 2y = 8$

3. $y = x^2 - 2x - 6$
   $y = -7$

4. $y = -x^2 + 2x + 5$
   $-x + y = -1$

5. $y = x^2 - 2x + 2$
   $-6x + 3y = -6$

6. $y = x^2 + 6x - 1$
   $y = -x^2 - 6x - 1$