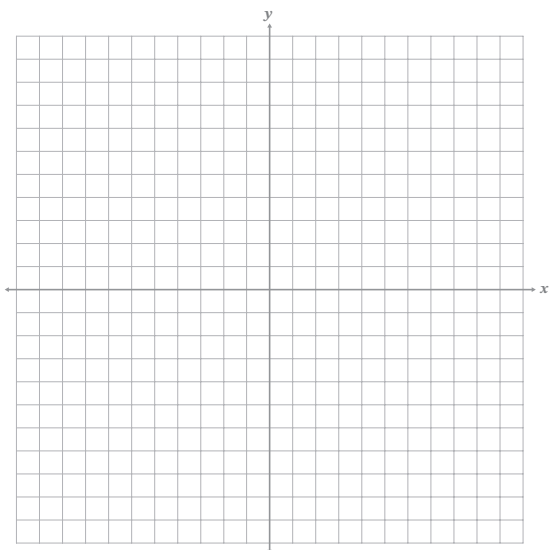


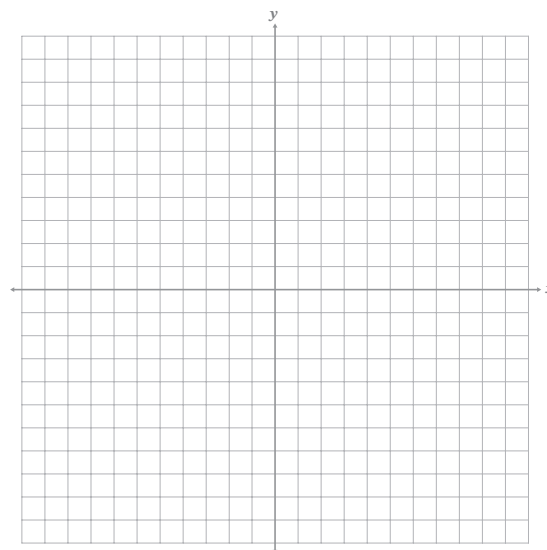
Extension Lesson 3 Test: Linear Quadratic Systems

Graph the system of equations. Mark your solution(s) on the graph and list them as ordered pairs.

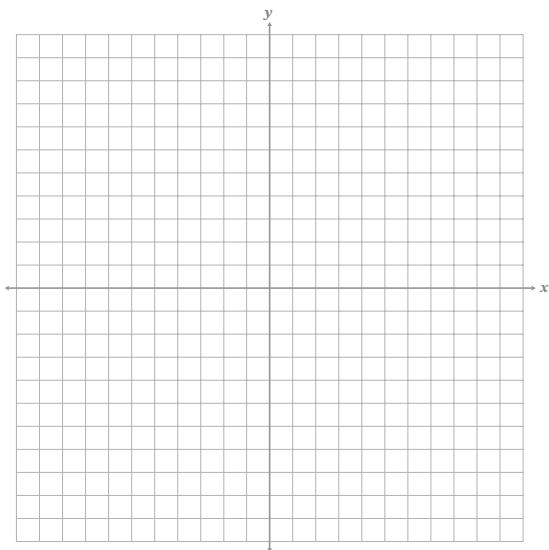
1) $y = x^2 - 4$
 $y = x + 2$



2) $y = -\frac{4}{5}x - 2$
 $y = x^2$

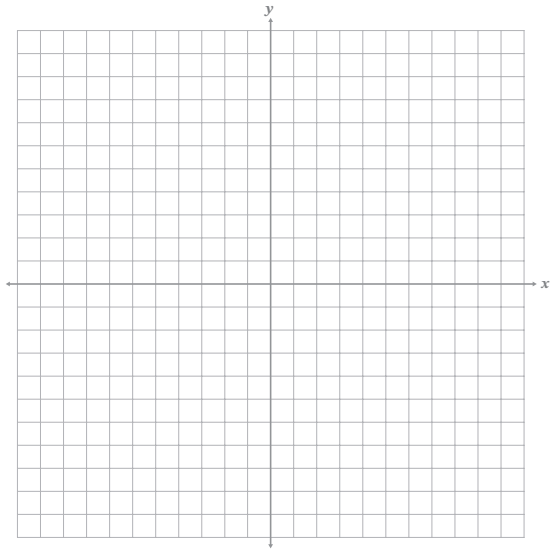


3) $y = \frac{3}{4}x - 6$
 $y = -(x^2 - 5x + 6)$

**CONTINUE**

Graph the system of inequalities.

4) $y > 2x + 5$
 $y \geq x^2 + 8x + 7$



5) $y \geq -x^2 + 1$
 $y < -\frac{1}{4}x - 3$

