

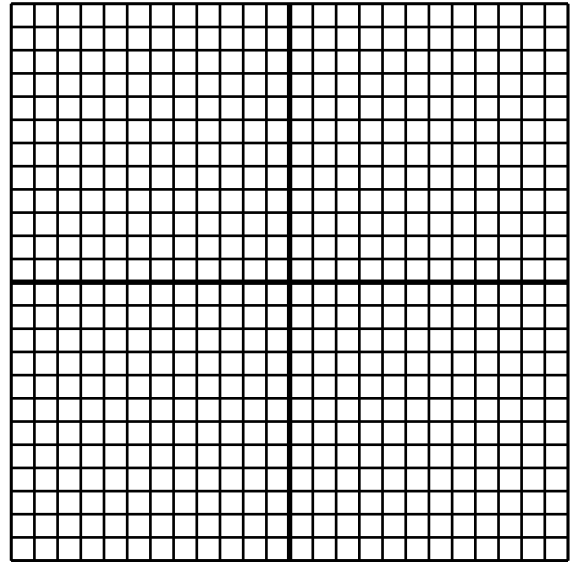
# Graphing Quadratic and Linear Functions

Name: \_\_\_\_\_

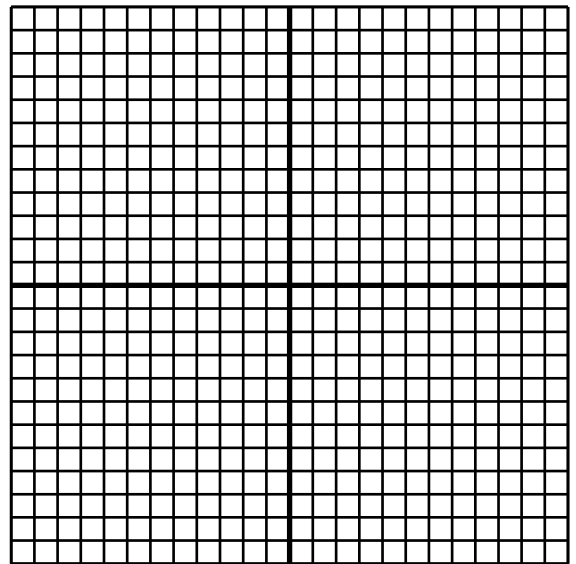
Period: \_\_\_\_\_

**Directions:** Graph both functions to determine the intersection.

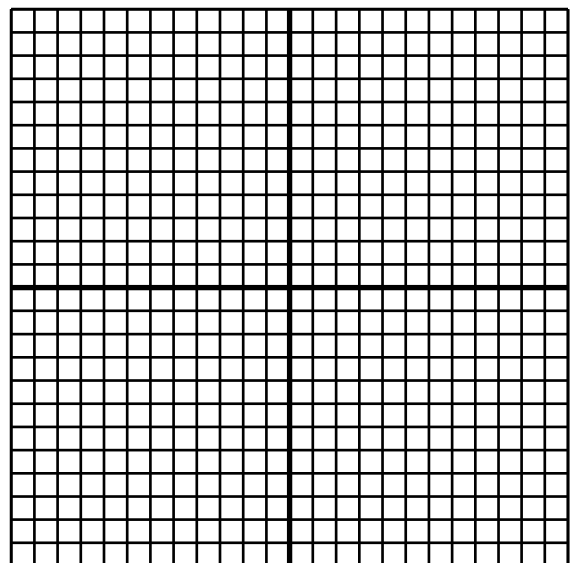
1.  $f(x) = (x+2)^2 + 2$  and  $g(x) = 2x + 9$



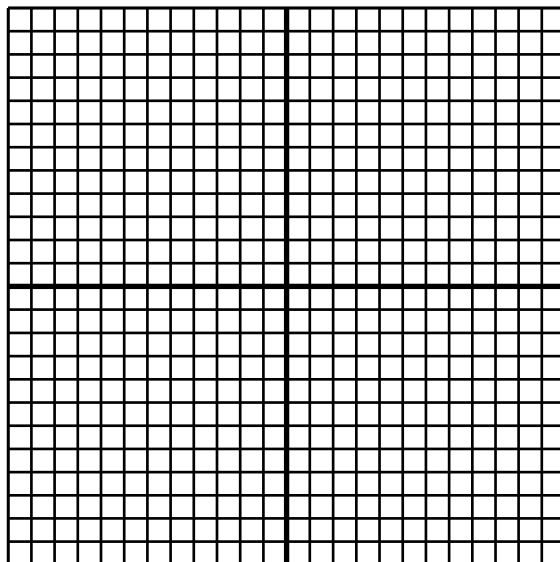
2.  $f(x) = (x-3)^2 - 4$  and  $g(x) = -x + 1$



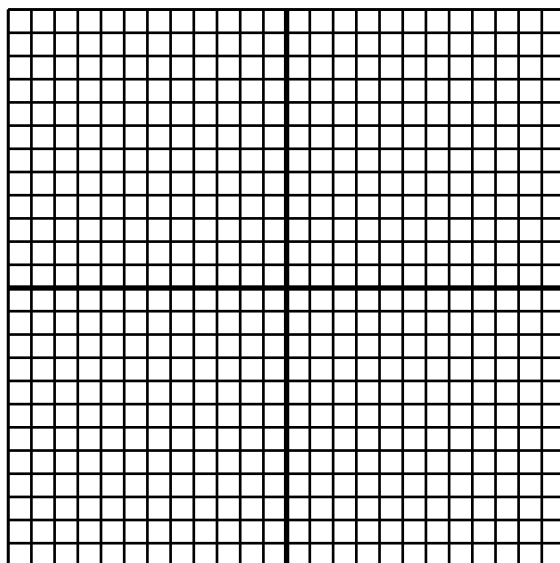
3.  $f(x) = -(x+4)^2 + 7$  and  $g(x) = -x + 5$



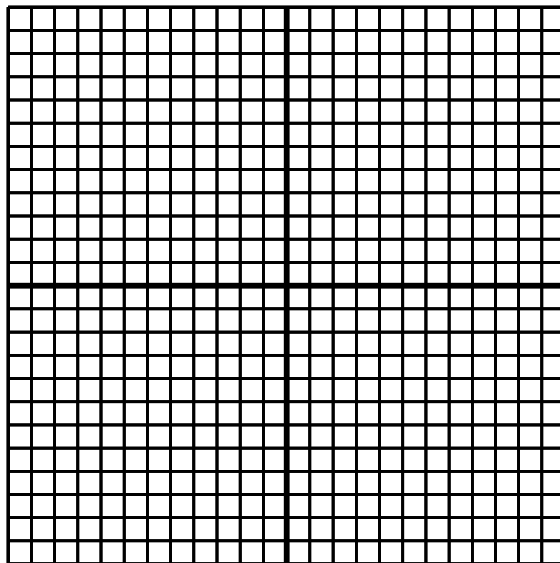
4.  $f(x) = (x-5)^2 - 4$  and  $g(x) = -2x + 6$



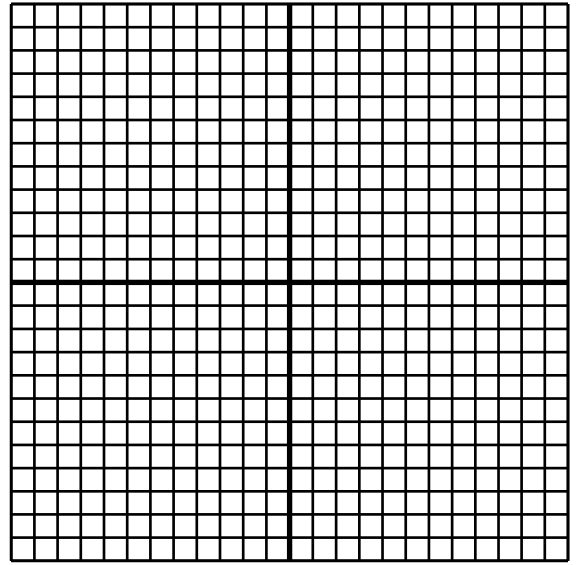
5.  $f(x) = -(x+1)^2 + 10$  and  $g(x) = -3x + 3$



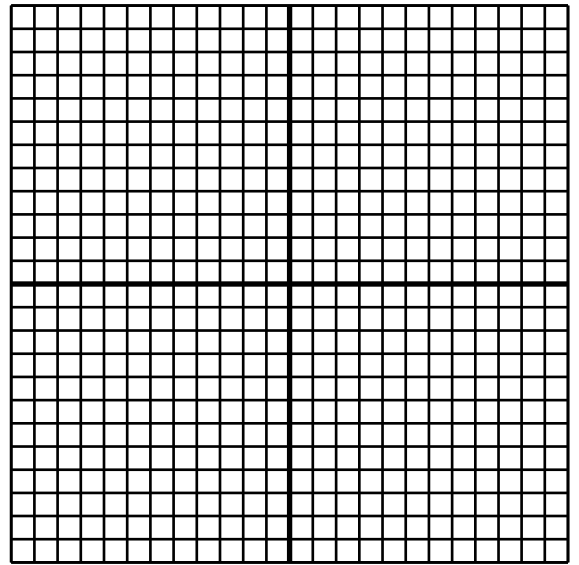
6.  $f(x) = (x-5)^2 - 5$  and  $g(x) = 2x - 12$



7.  $f(x) = x^2 - 8x + 11$  and  $g(x) = 2x - 5$



8.  $f(x) = x^2 + 2x - 5$  and  $g(x) = -x + 5$



9.  $f(x) = x^2 - 8x + 12$  and  $g(x) = 3x - 12$

