Algebra 2 Name_____

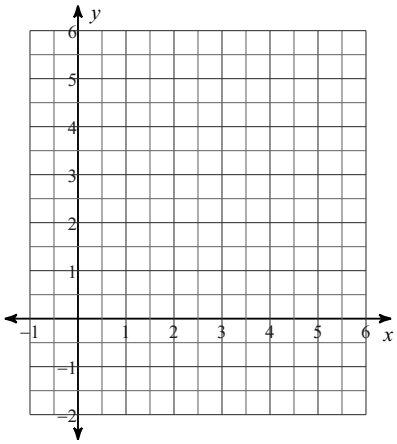
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4.9B Quadratic Inequalities

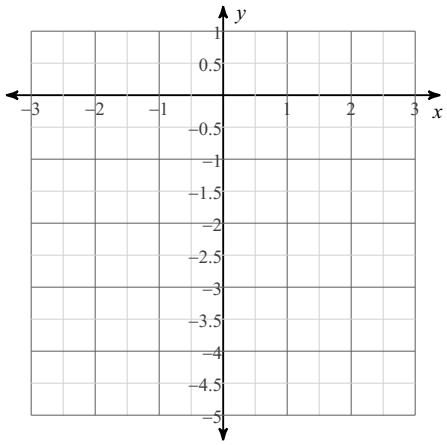
Period____

Sketch the graph of each function.

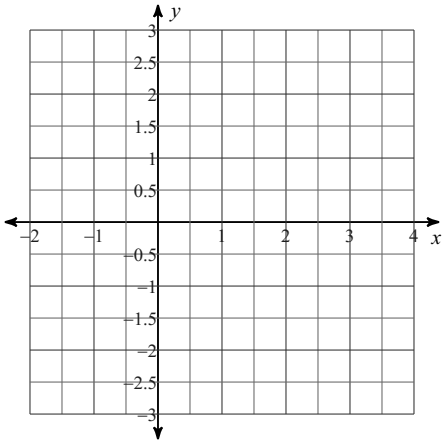
1) $y > -x^2 + 8x - 12$



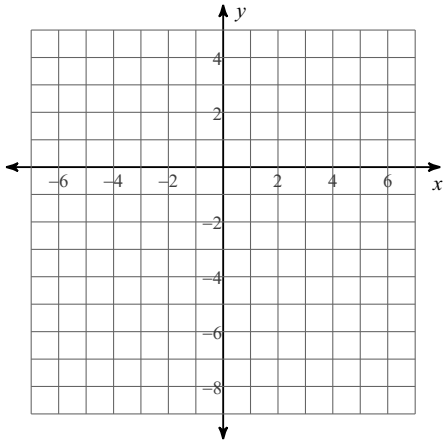
2) $y \geq x^2 + 2x - 3$



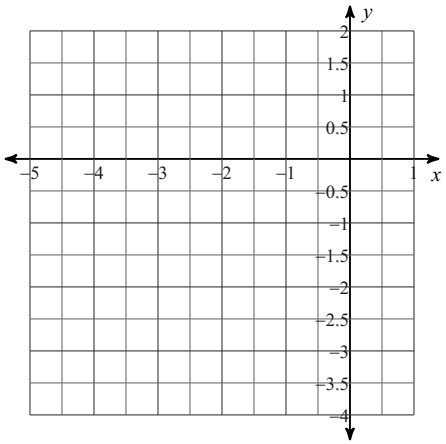
3) $y \leq -(x - 1)^2 + 2$



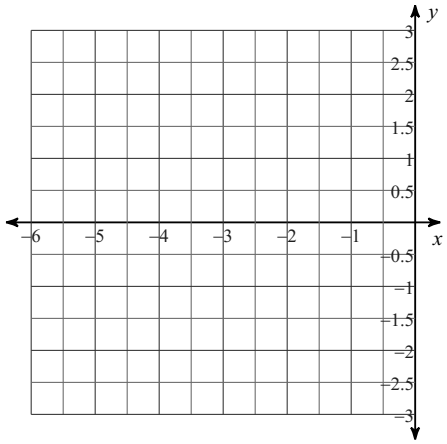
4) $y \geq -3(x + 2)^2 + 4$



5) $y > (x + 3)^2 - 3$



6) $y < -\frac{1}{2}(x + 2)^2 + 1$



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