

Graphing quadratic inequalities

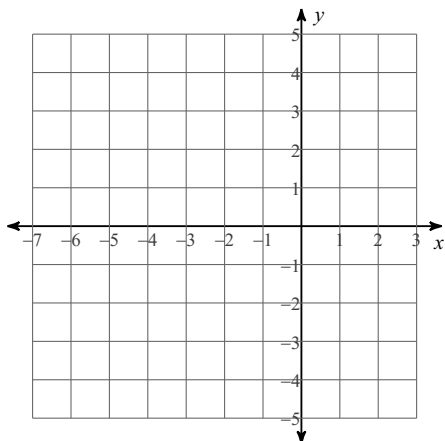
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Name _____

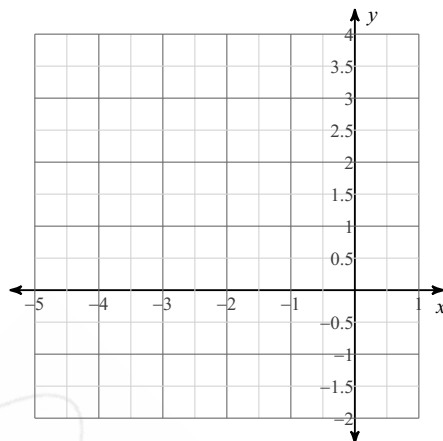
Date _____

Sketch the graph of each function.

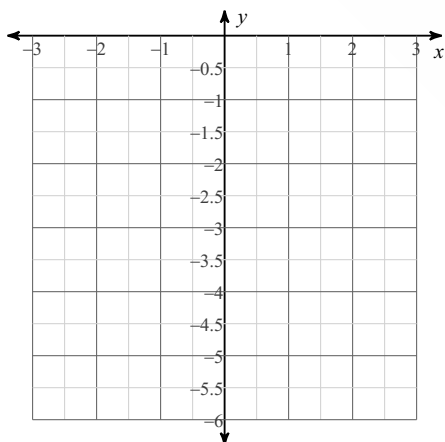
1) $y > 2(x + 3)^2 - 4$



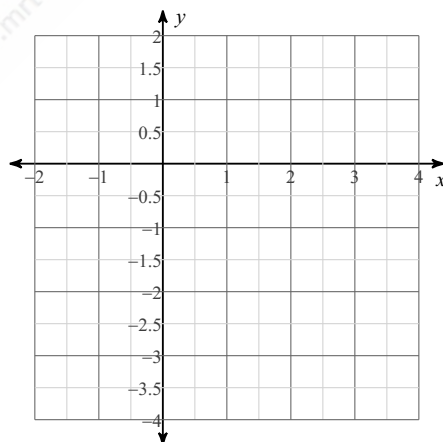
2) $y < -(x + 1)^2 + 3$



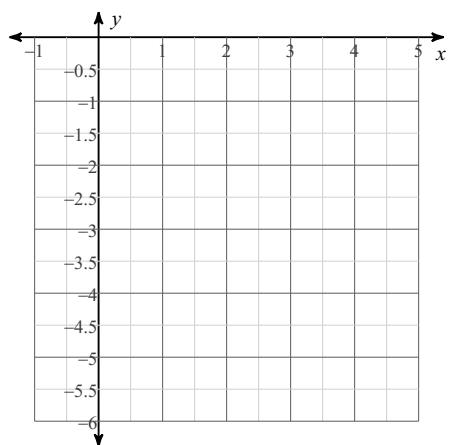
3) $y \leq -(x + 1)^2 - 1$



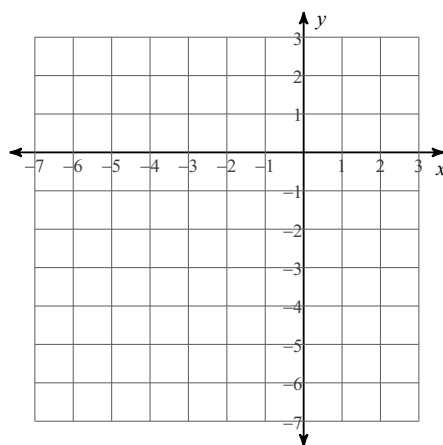
4) $y < (x - 2)^2 - 3$



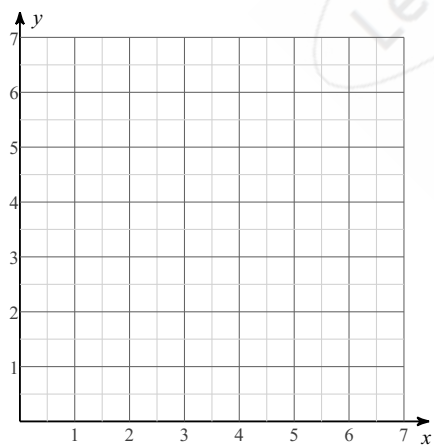
5) $y < -x^2 + 4x - 5$



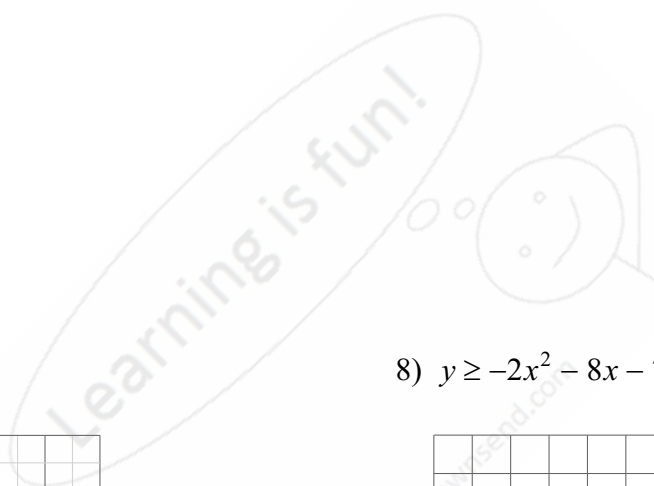
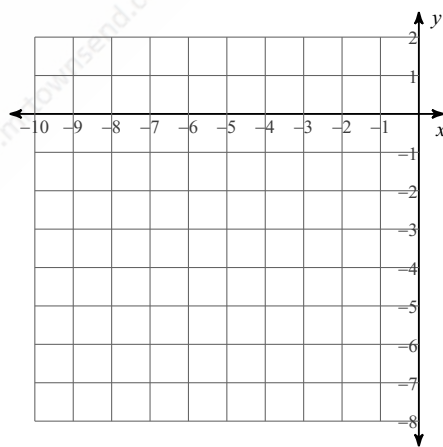
6) $y < -2x^2 - 4x$



7) $y \leq x^2 - 8x + 18$

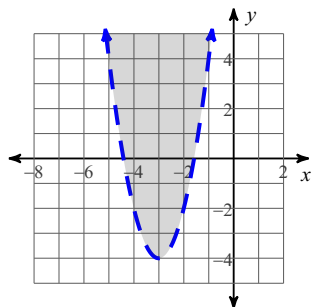


8) $y \geq -2x^2 - 8x - 7$

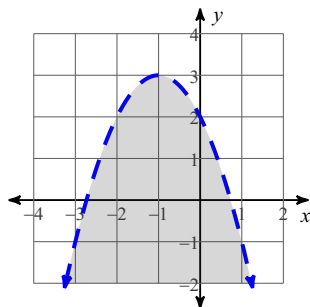


Answers to Graphing quadratic inequalities

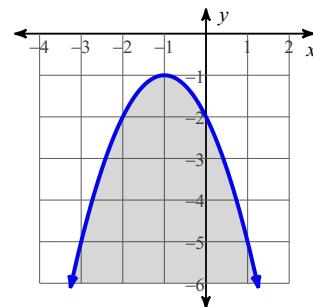
1)



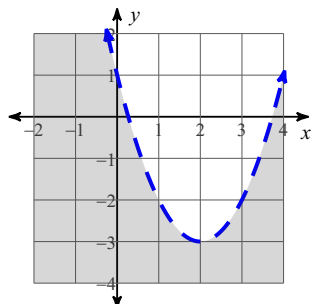
2)



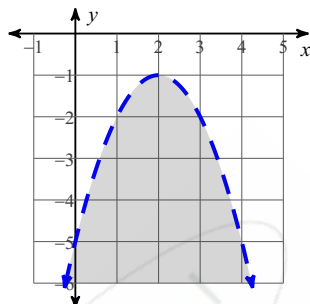
3)



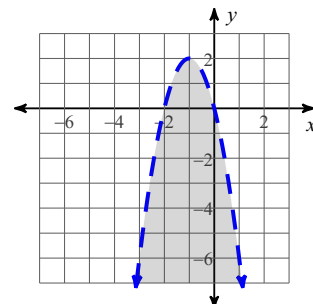
4)



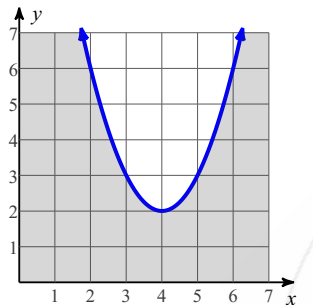
5)



6)



7)



8)

