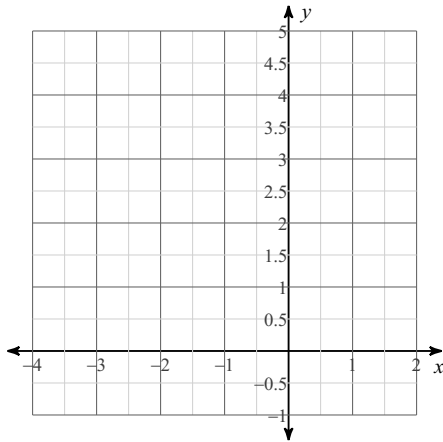


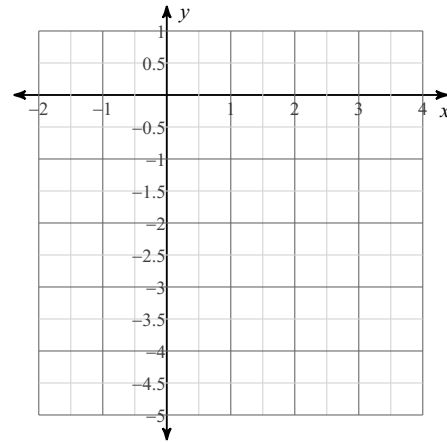
Quadratic Inequalities in two variables

Sketch the graph of each inequality.

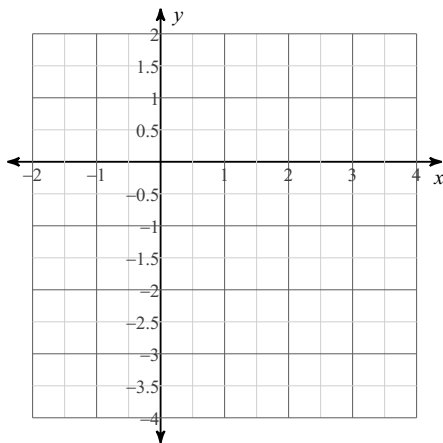
1) $y > x^2$



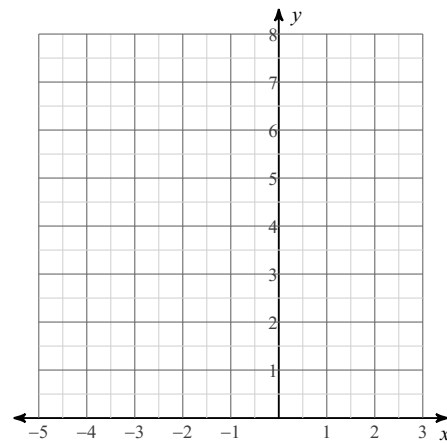
2) $y \leq -x^2$



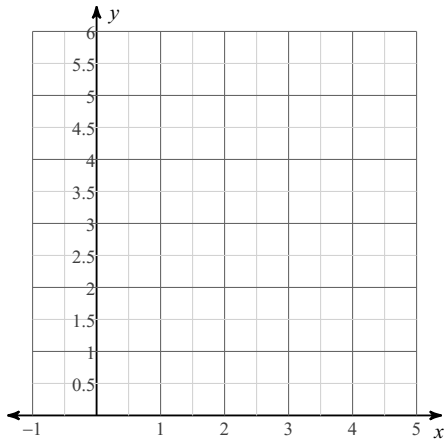
3) $y \geq (x - 1)^2 - 3$



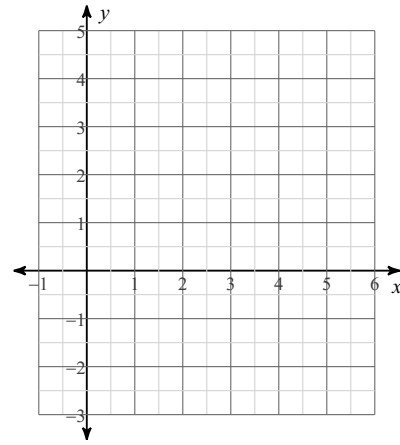
4) $y \geq (x + 1)^2 + 3$



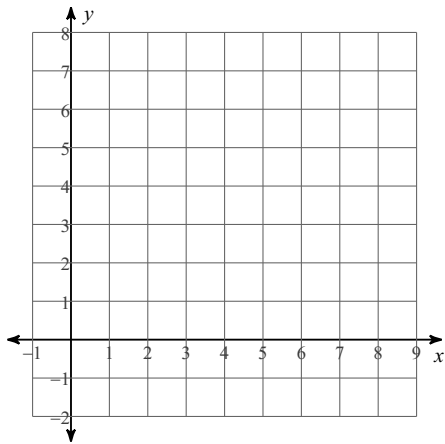
5) $y \geq x^2 - 2x + 2$



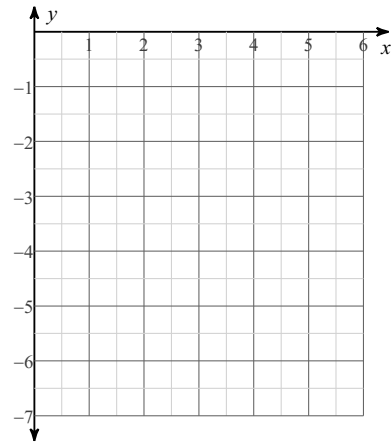
6) $y \leq x^2 - 8x + 15$



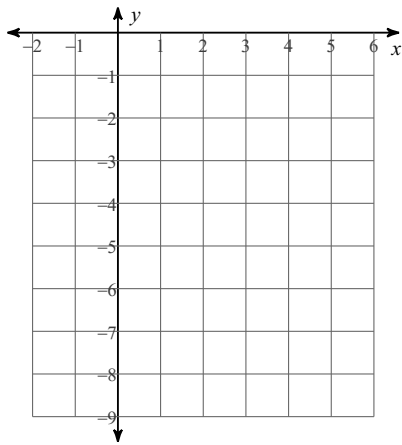
7) $y \geq 2(x - 3)^2 - 1$



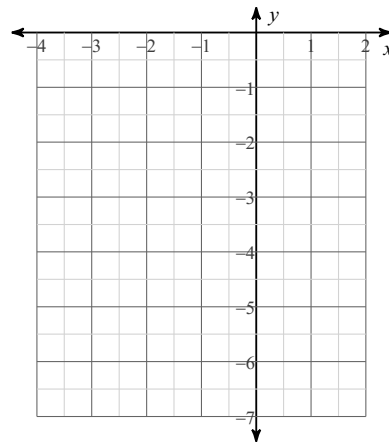
8) $y < -(x - 3)^2 - 2$



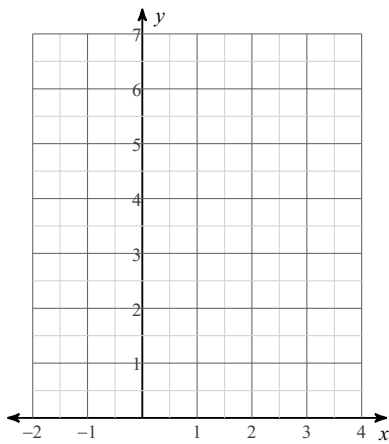
9) $y < -x^2 + 4x - 8$



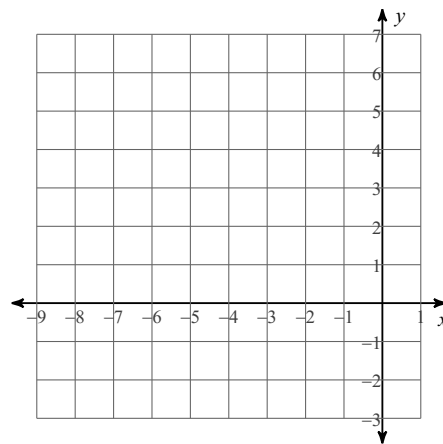
10) $y \geq -x^2 - 4x - 6$



11) $y > x^2 - 4x + 6$

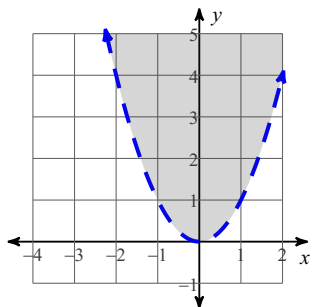


12) $y \geq 2x^2 + 12x + 16$

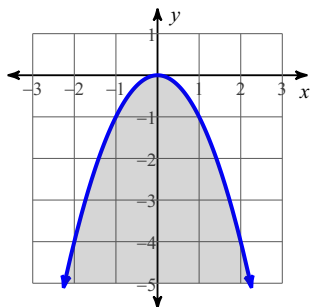


Answers to Quadratic Inequalities in two variables (ID: 1)

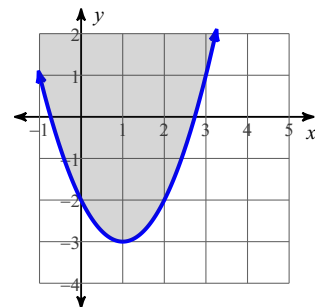
1)



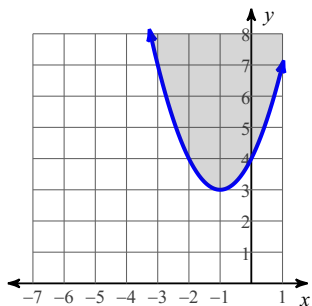
2)



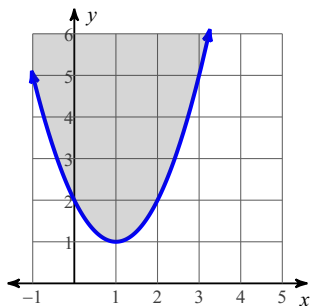
3)



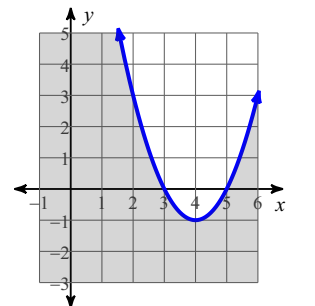
4)



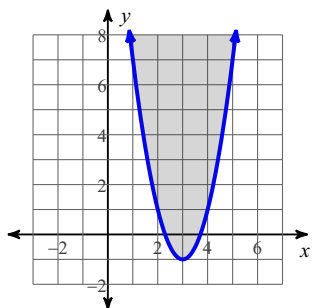
5)



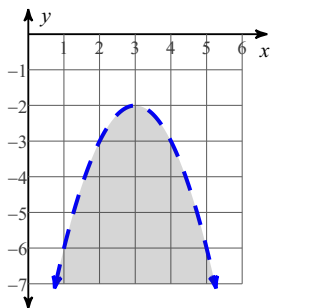
6)



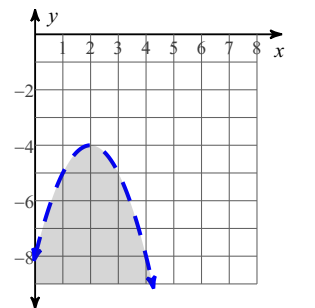
7)



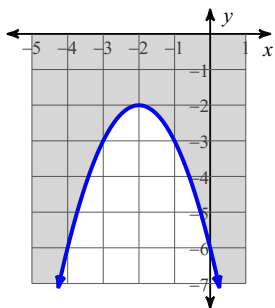
8)



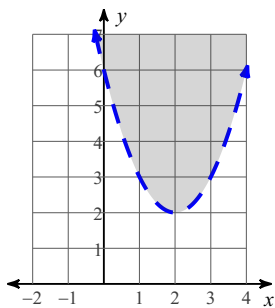
9)



10)



11)



12)

