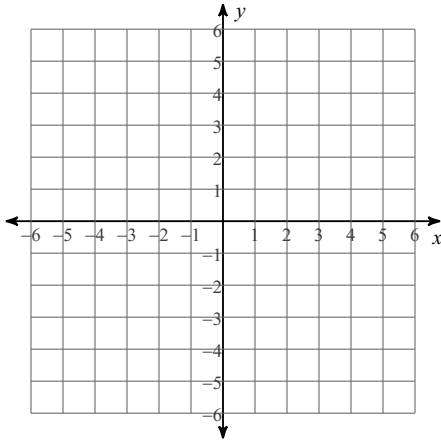


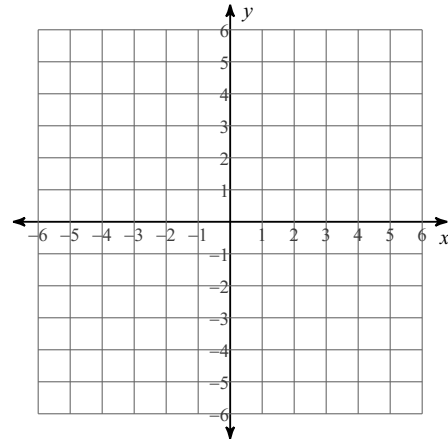
Graphing Linear and Quadratic Inequalities

Sketch the graph of each linear inequality.

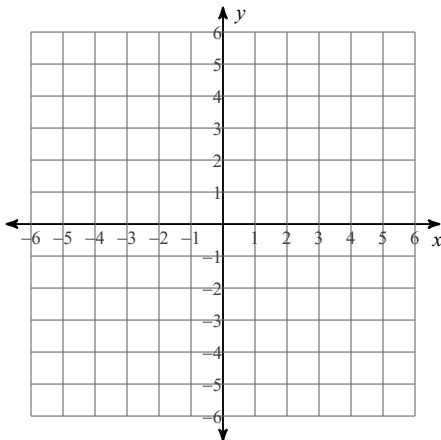
1) $y \geq -2x + 4$



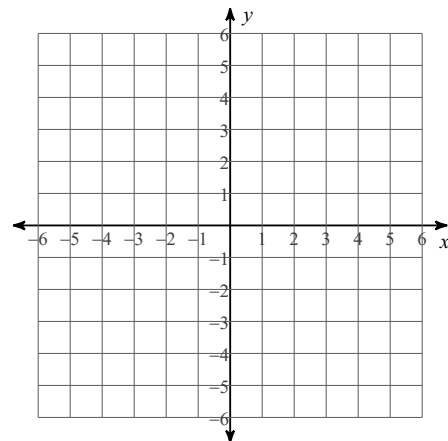
2) $y > -\frac{1}{2}x - 1$



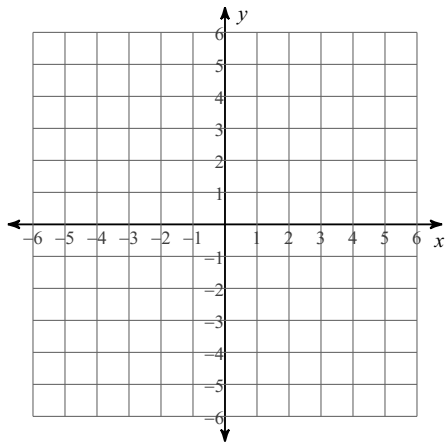
3) $y > -\frac{8}{5}x - 3$



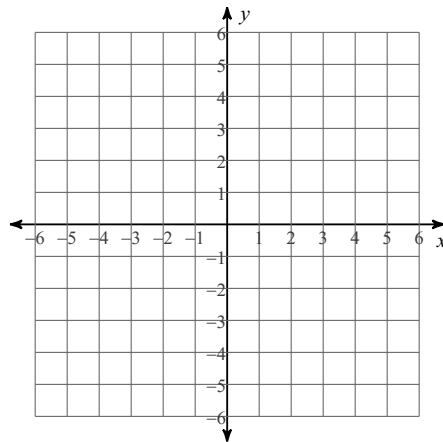
4) $2x - 3y < -15$



5) $5x - 3y < 9$

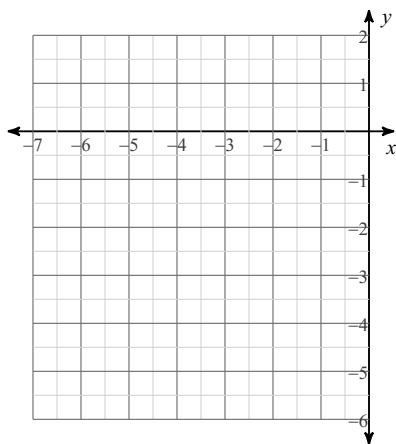


6) $x - 3y > -15$

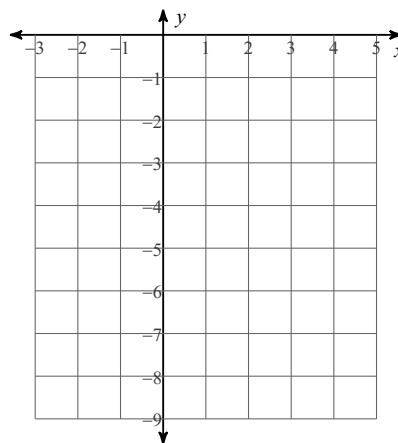


Sketch the graph of each function.

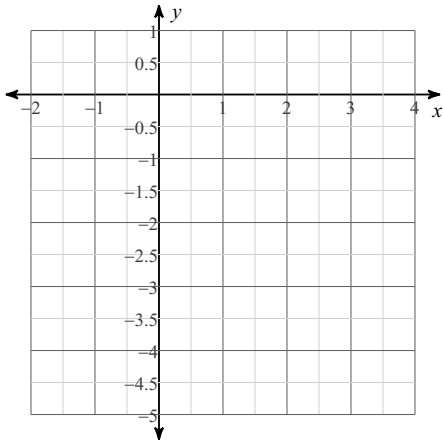
7) $y < -\frac{1}{2}(x + 4)^2 - 1$



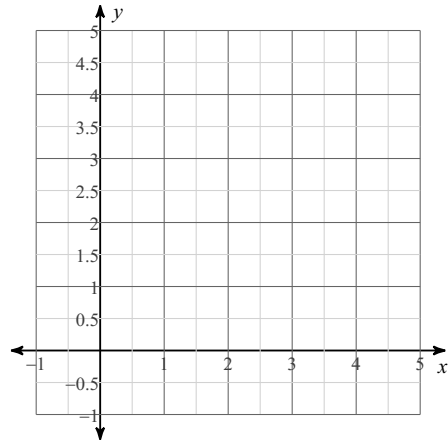
8) $y \geq -(x - 2)^2 - 4$



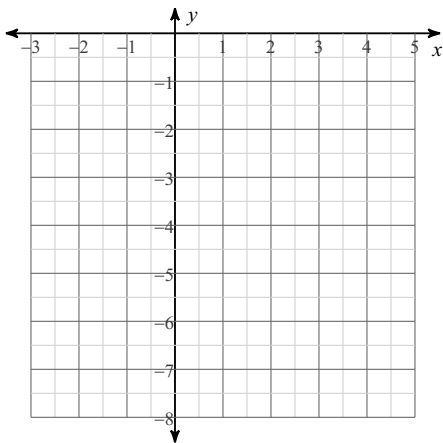
$$9) y \geq (x - 2)^2 - 4$$



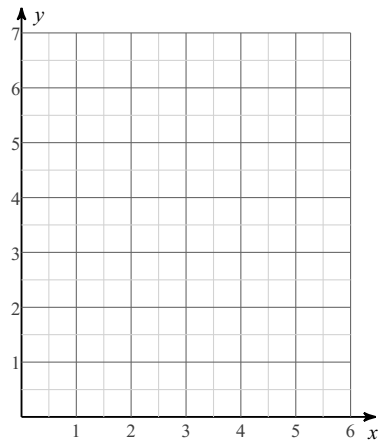
$$10) y > -(x - 3)^2 + 4$$



$$11) y \geq -(x + 1)^2 - 3$$

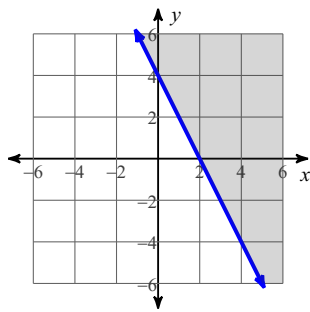


$$12) y \geq (x - 3)^2 + 2$$

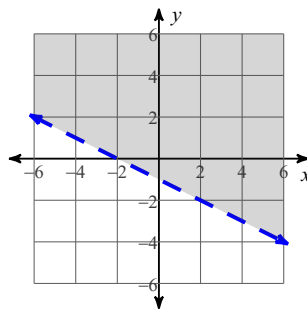


Answers to Graphing Linear and Quadratic Inequalities (ID: 1)

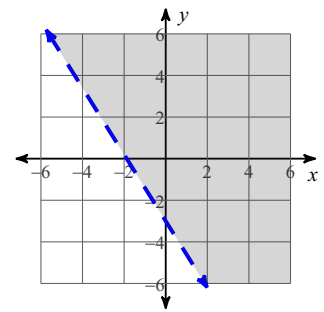
1)



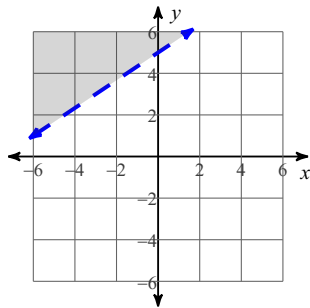
2)



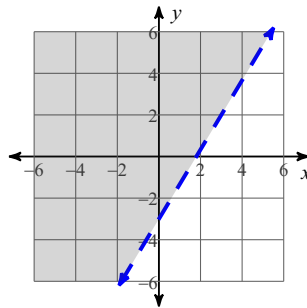
3)



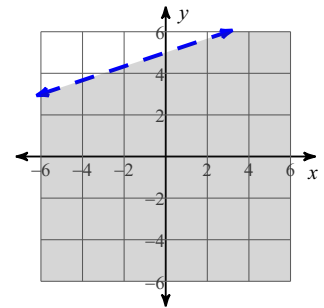
4)



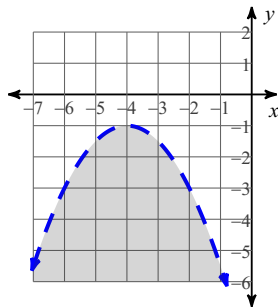
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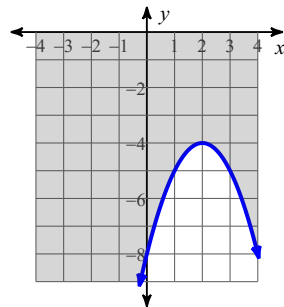
6)



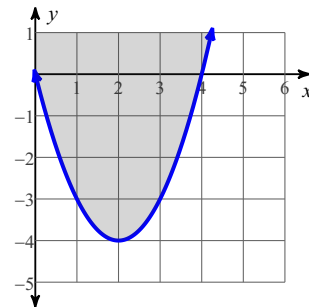
7)



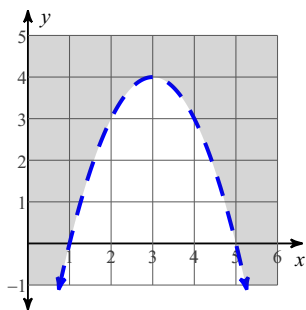
8)



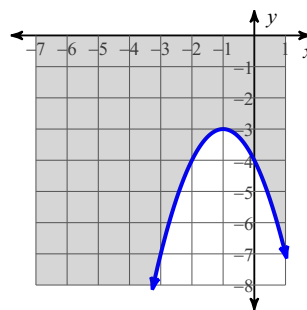
9)



10)



11)



12)

