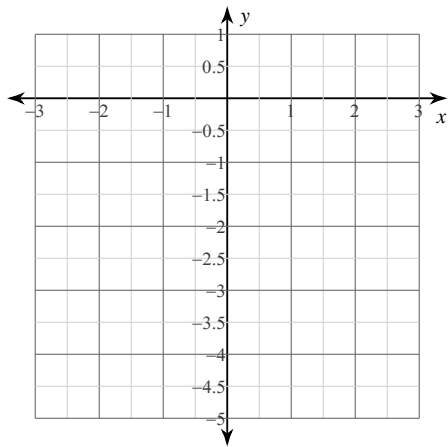


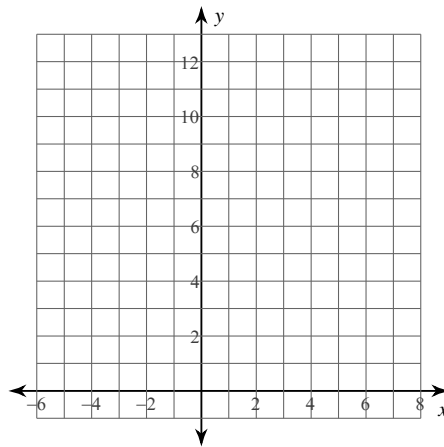
## Graphing Quadratic Inequalities

Sketch the graph of each function.

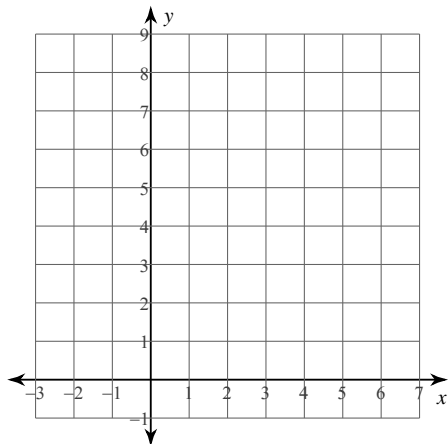
1)  $y > -x^2$



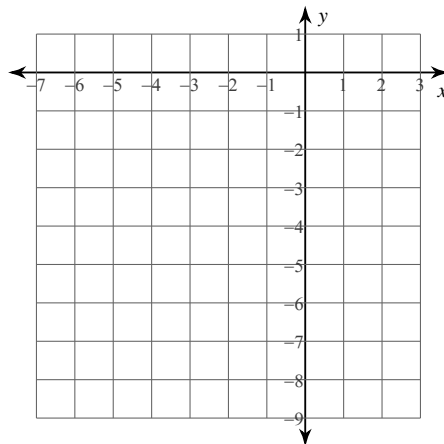
2)  $y \geq 3x^2$



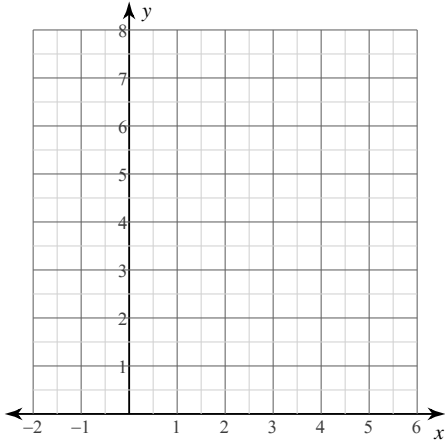
3)  $y > 2x^2$



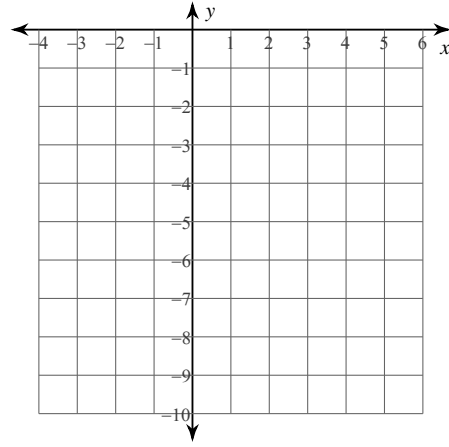
4)  $y \geq -2x^2$



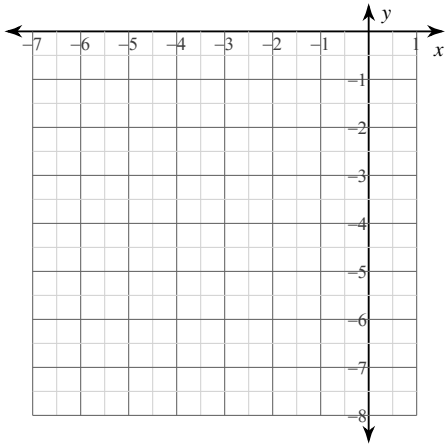
5)  $y \leq x^2 - 6x + 12$



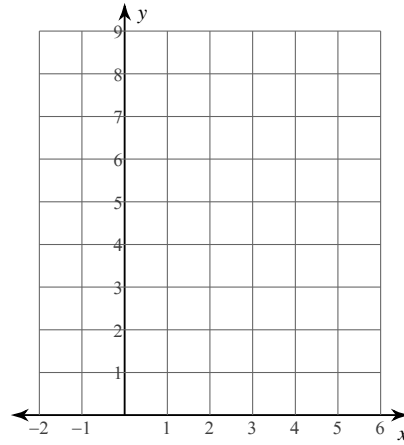
6)  $y < -2x^2 - 8x - 9$



7)  $y < -x^2 - 6x - 12$



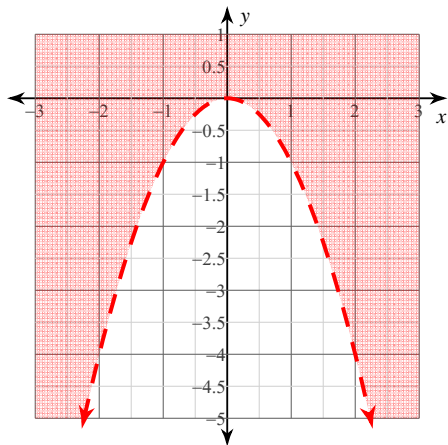
8)  $y \geq x^2 - 6x + 13$



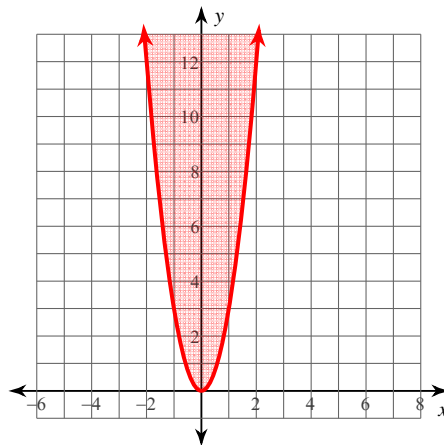
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Sketch the graph of each function.

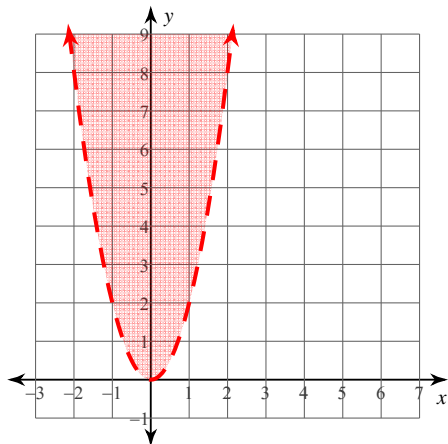
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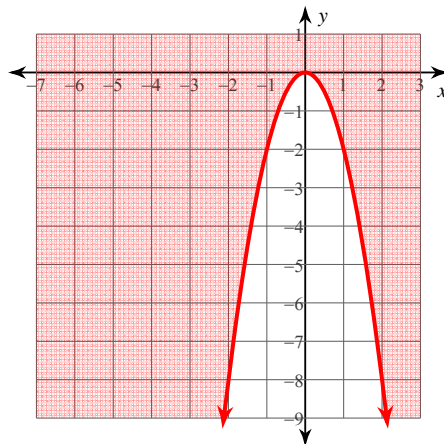
2)  $y \geq 3x^2$



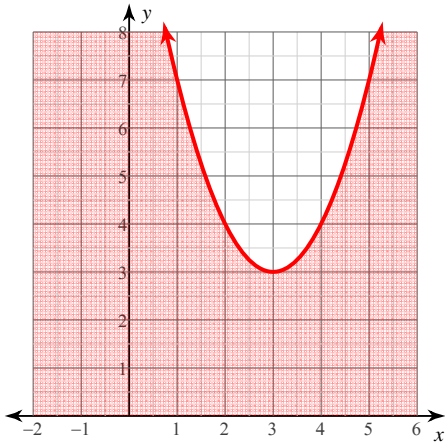
3)  $y > 2x^2$



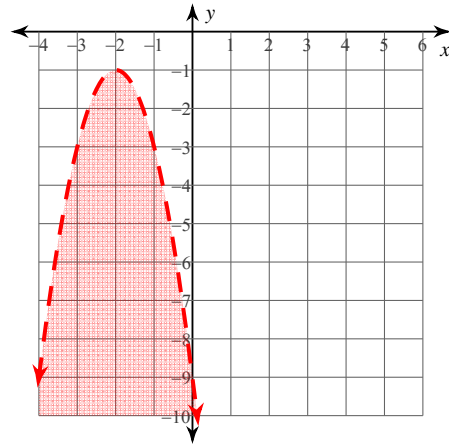
4)  $y \geq -2x^2$



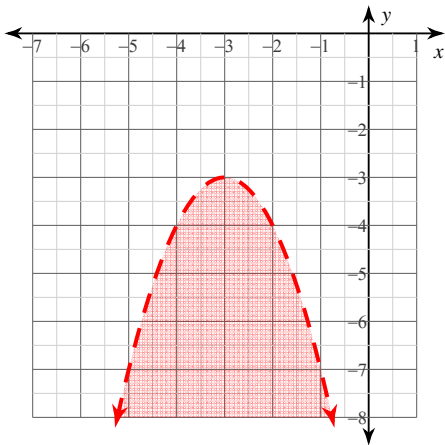
5)  $y \leq x^2 - 6x + 12$



6)  $y < -2x^2 - 8x - 9$



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