

Graphing quadratic inequalities

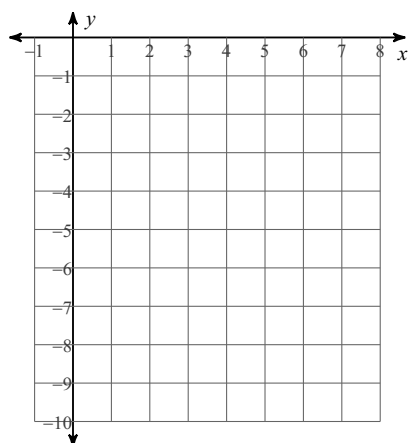
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Name _____

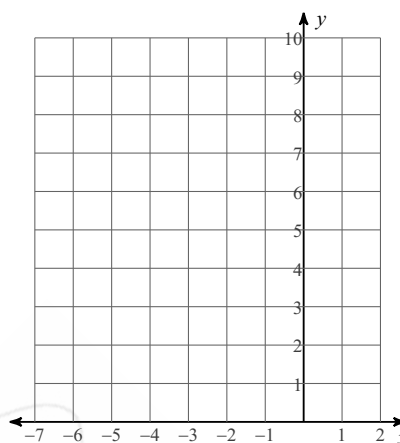
Date _____

Sketch the graph of each function.

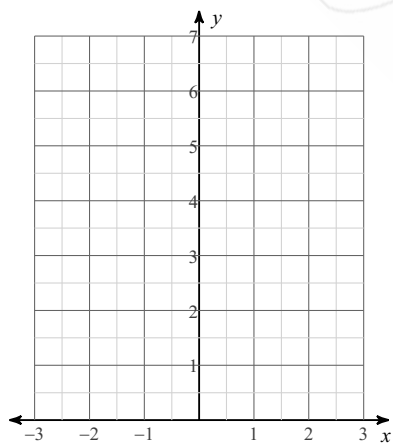
1) $y > -2x^2 + 16x - 33$



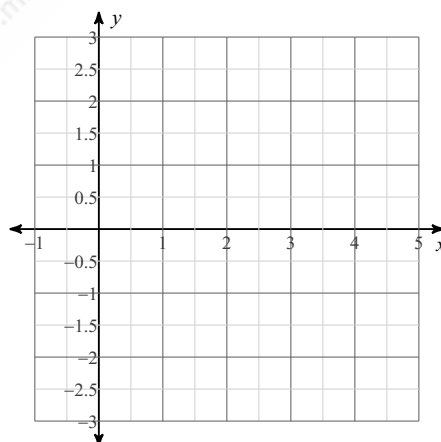
2) $y > 2x^2 + 16x + 33$



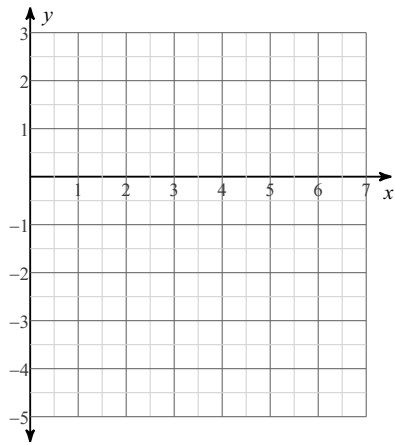
3) $y \leq x^2 + 2x + 3$



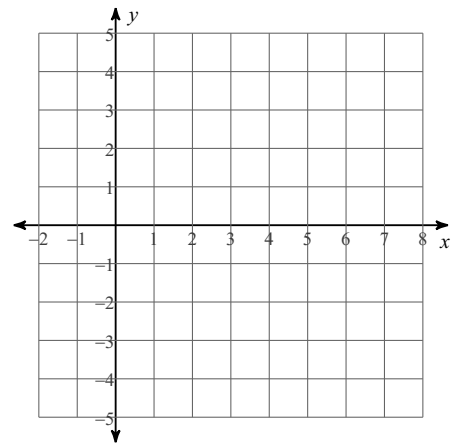
4) $y < -\frac{1}{2}x^2 + 2x - 1$



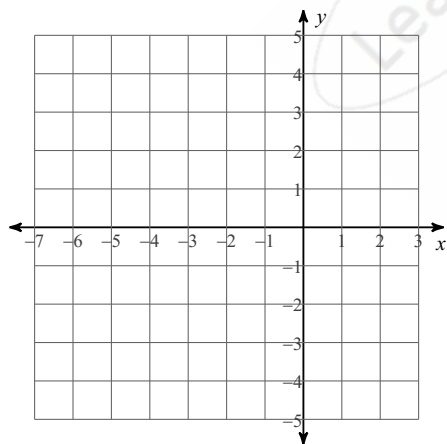
5) $y < -x^2 + 8x - 15$



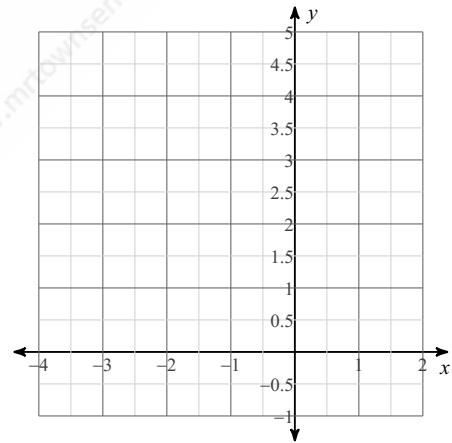
6) $y < 2x^2 - 12x + 14$



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

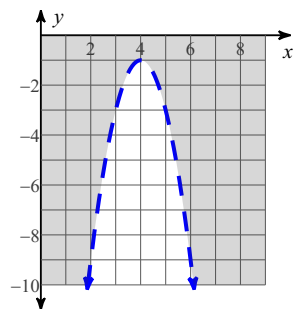


8) $y \geq \frac{1}{2}x^2 + 2x + 3$

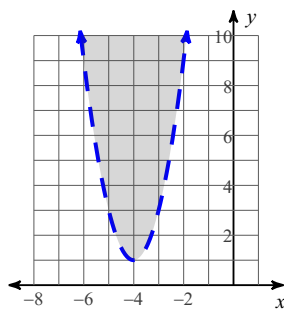


Answers to Graphing quadratic inequalities

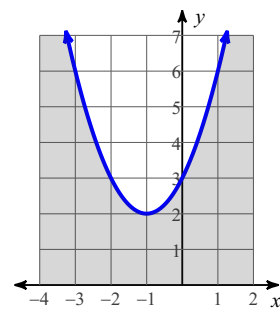
1)



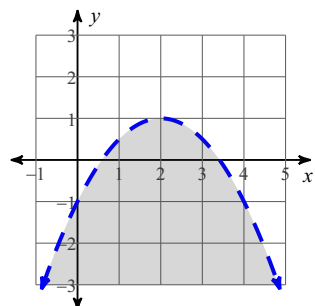
2)



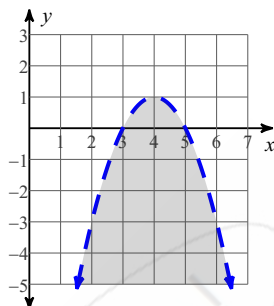
3)



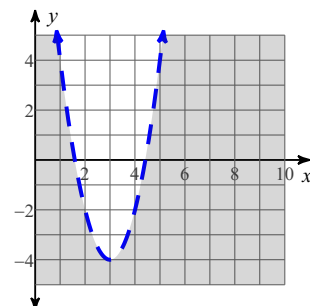
4)



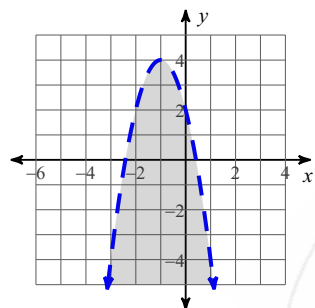
5)



6)



7)



8)

