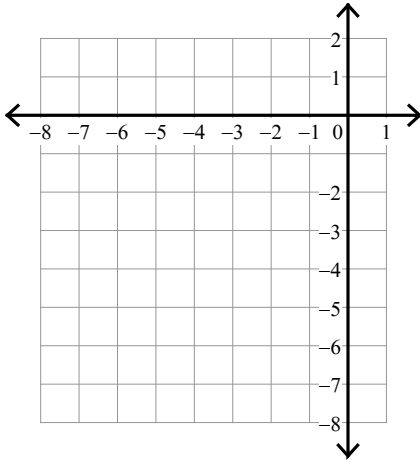


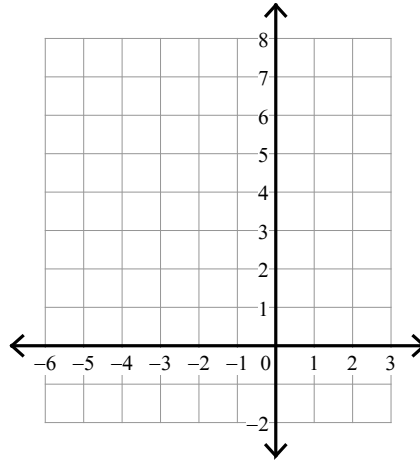
## Assignment

Sketch the graph of each function.

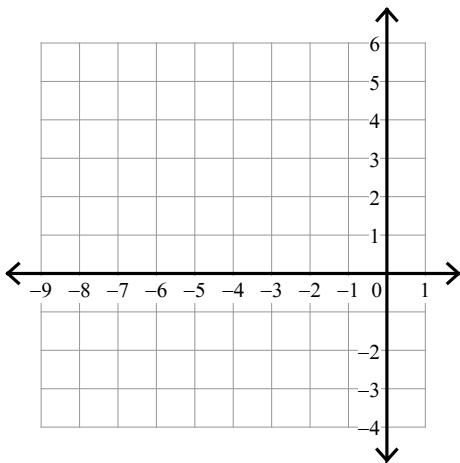
1)  $y < -2x^2 - 16x - 31$



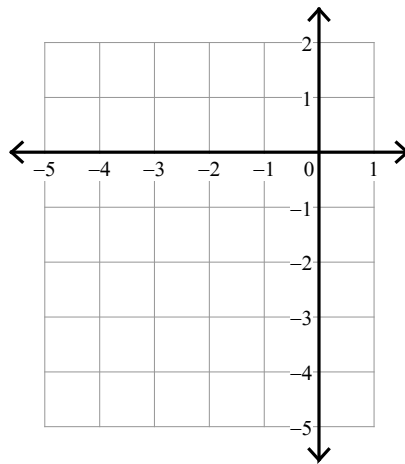
2)  $y \leq 2x^2 + 16x + 31$



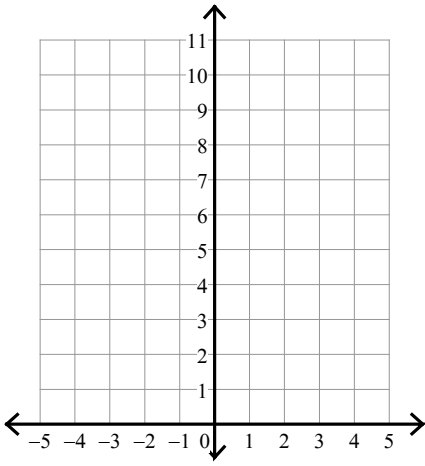
3)  $y < 2x^2 + 12x + 15$



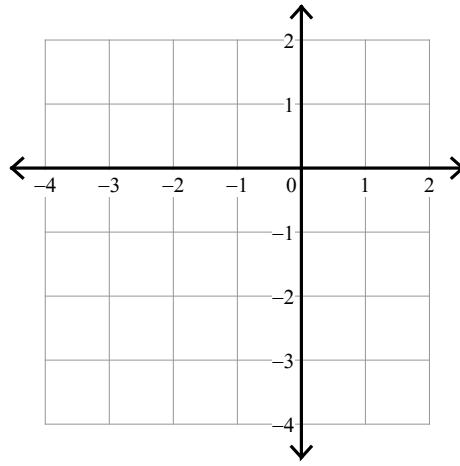
4)  $y \leq -\frac{1}{4}x^2 - x - 2$



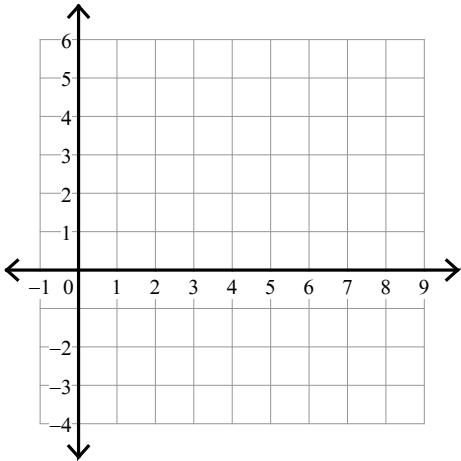
5)  $y \leq 2x^2 - 8x + 10$



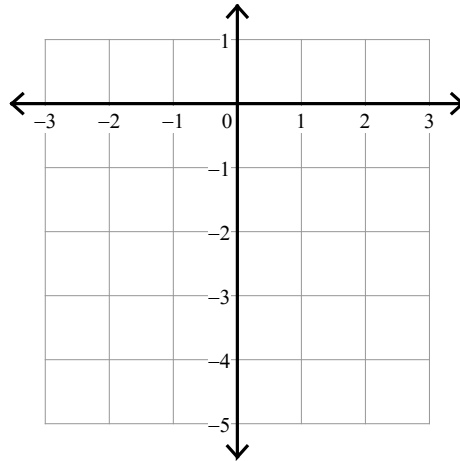
6)  $y \leq x^2 + 4x + 1$



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



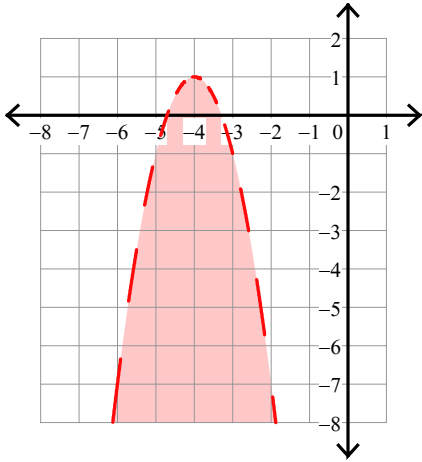
8)  $y \geq x^2 + 2x - 3$



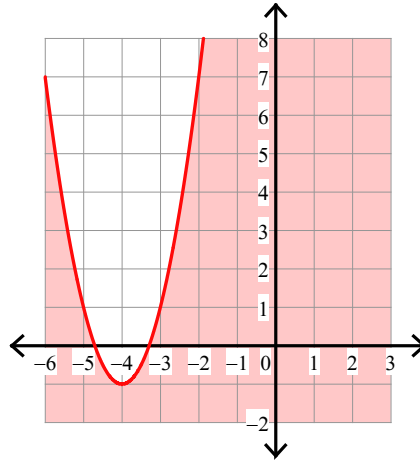
Assignment

Sketch the graph of each function.

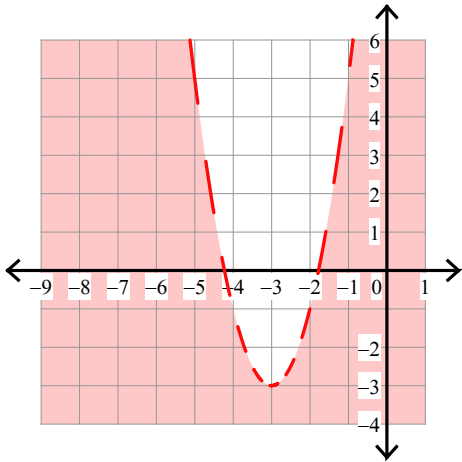
1)  $y < -2x^2 - 16x - 31$



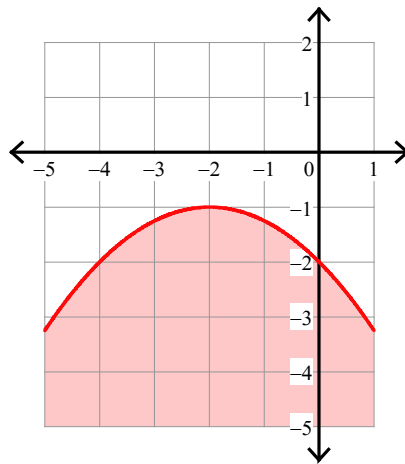
2)  $y \leq 2x^2 + 16x + 31$



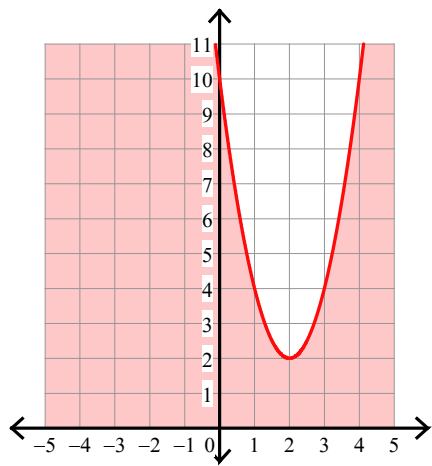
3)  $y < 2x^2 + 12x + 15$



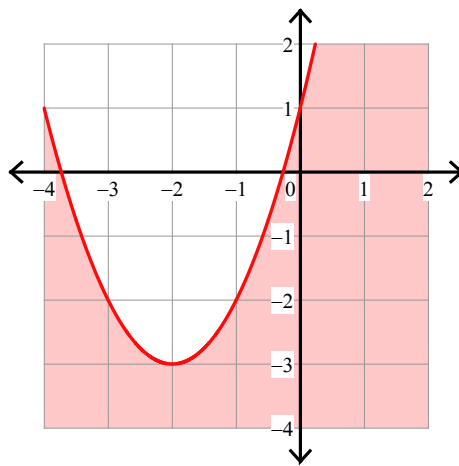
4)  $y \leq -\frac{1}{4}x^2 - x - 2$



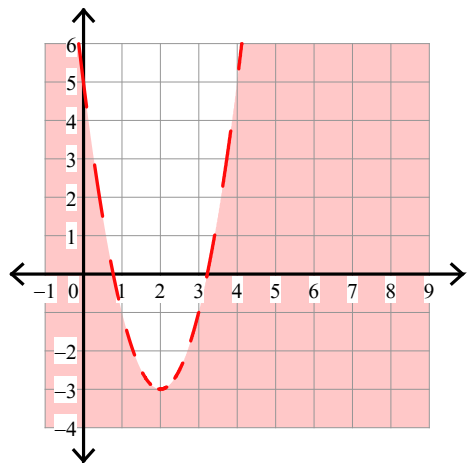
5)  $y \leq 2x^2 - 8x + 10$



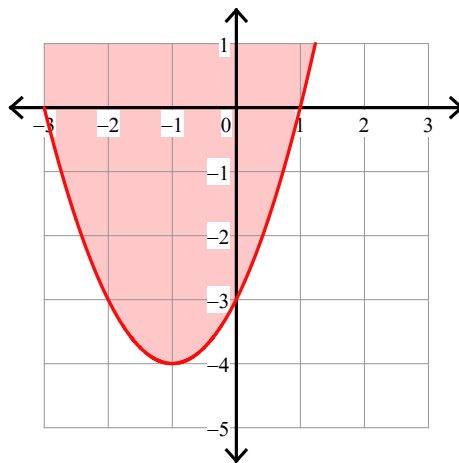
6)  $y \leq x^2 + 4x + 1$



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



8)  $y \geq x^2 + 2x - 3$



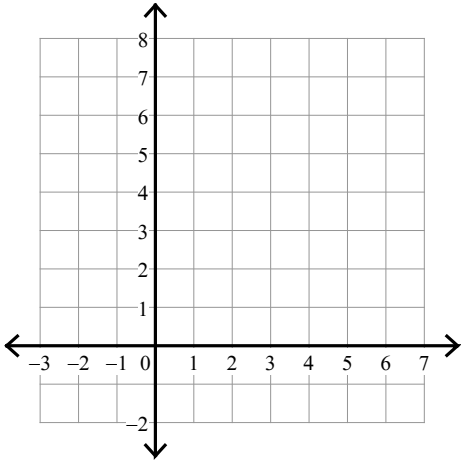
## Assignment

Name \_\_\_\_\_

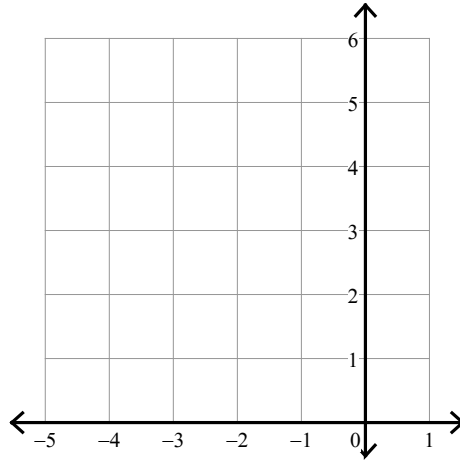
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

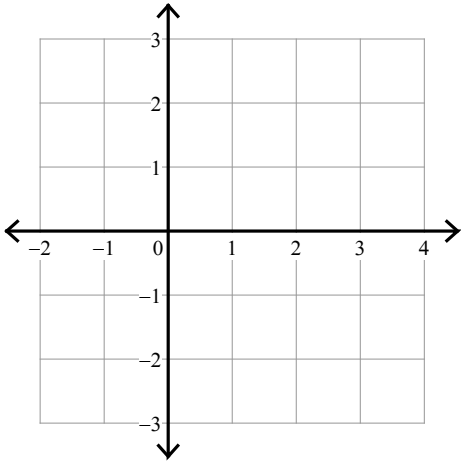
1)  $y > 2x^2 - 8x + 7$



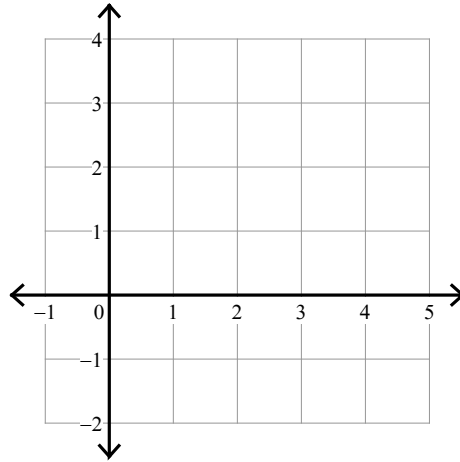
2)  $y \geq x^2 + 4x + 5$



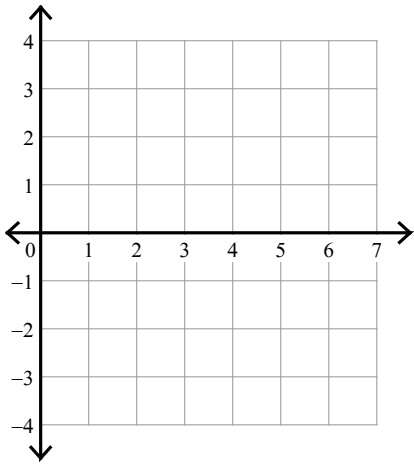
3)  $y \geq x^2 - 2x - 1$



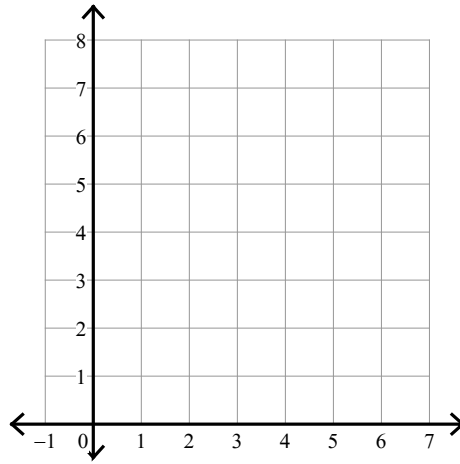
4)  $y < x^2 - 4x + 3$



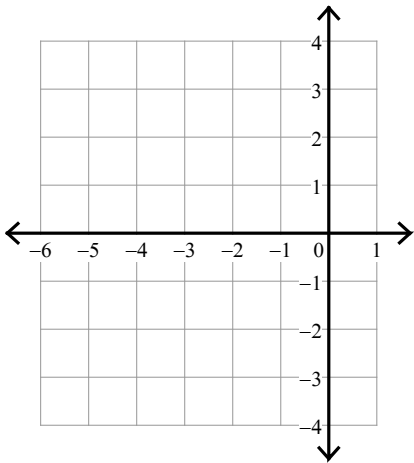
$$5) y < -\frac{1}{2}x^2 + 4x - 7$$



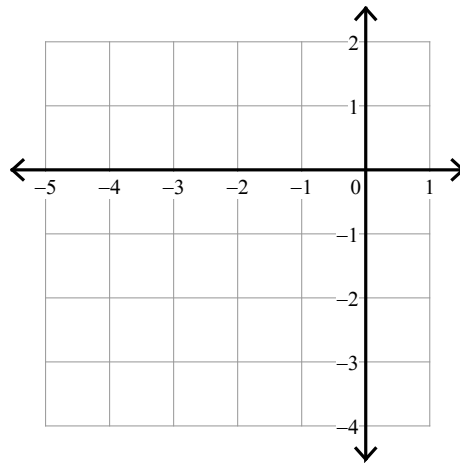
$$6) y \leq x^2 - 4x + 7$$



$$7) y \geq -x^2 - 8x - 14$$



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

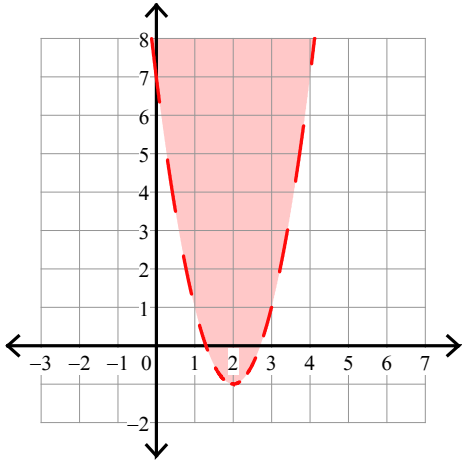


## Assignment

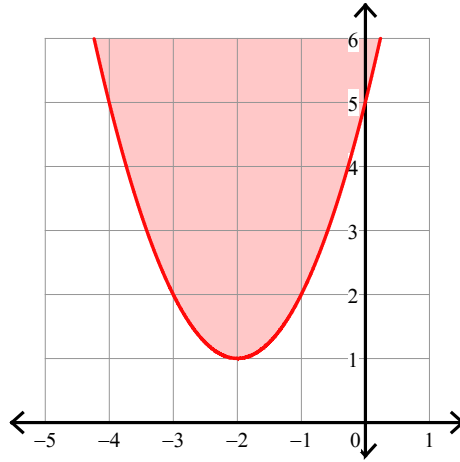
Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

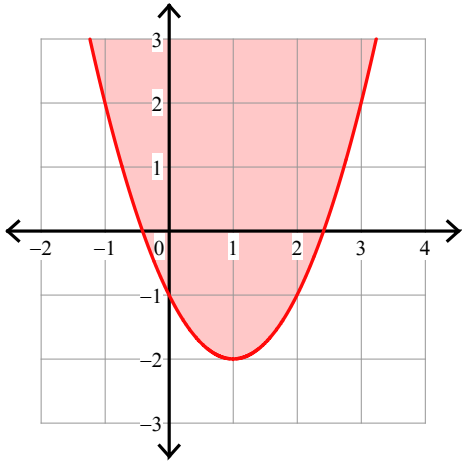
1)  $y > 2x^2 - 8x + 7$



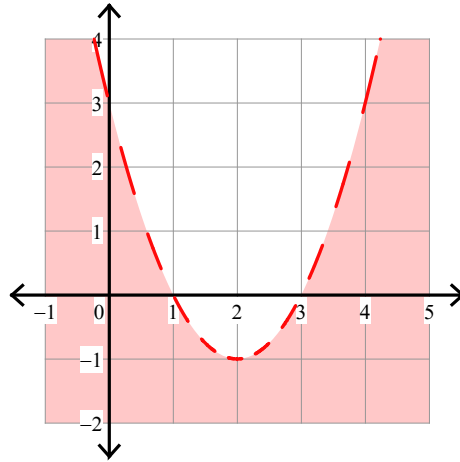
2)  $y \geq x^2 + 4x + 5$



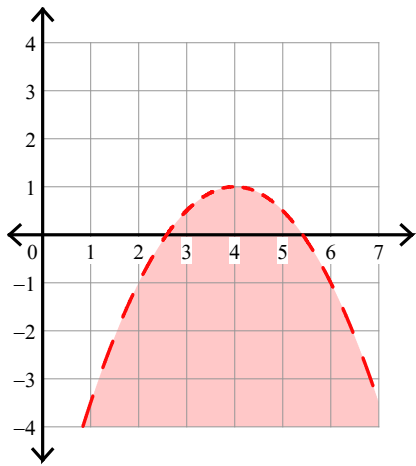
3)  $y \geq x^2 - 2x - 1$



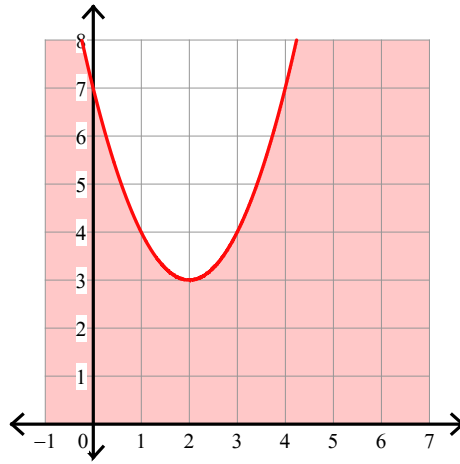
4)  $y < x^2 - 4x + 3$



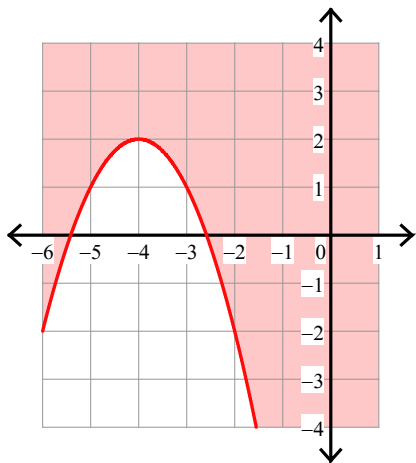
$$5) y < -\frac{1}{2}x^2 + 4x - 7$$



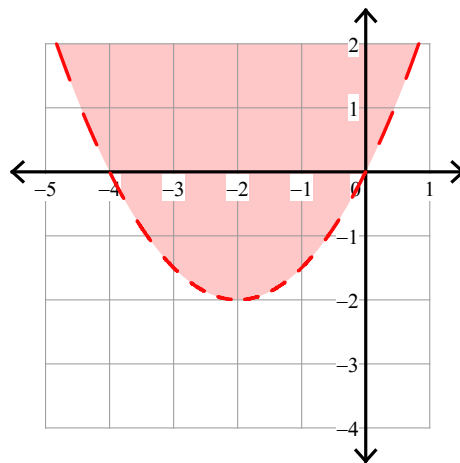
$$6) y \leq x^2 - 4x + 7$$



$$7) y \geq -x^2 - 8x - 14$$



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





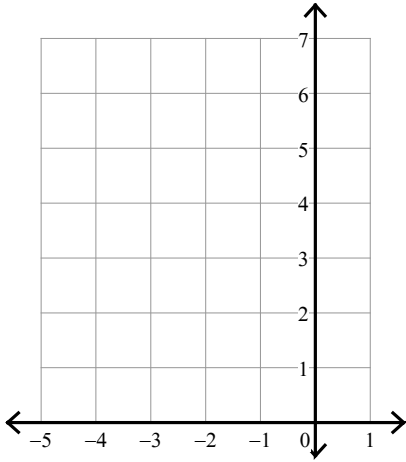
## Assignment

Name \_\_\_\_\_

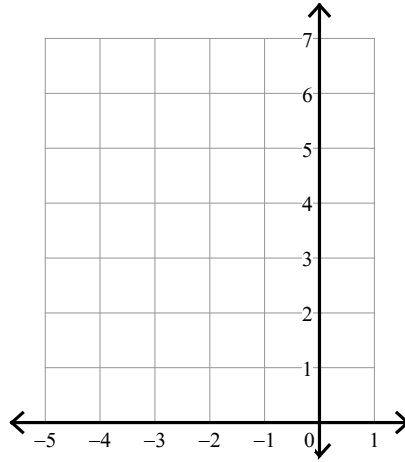
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

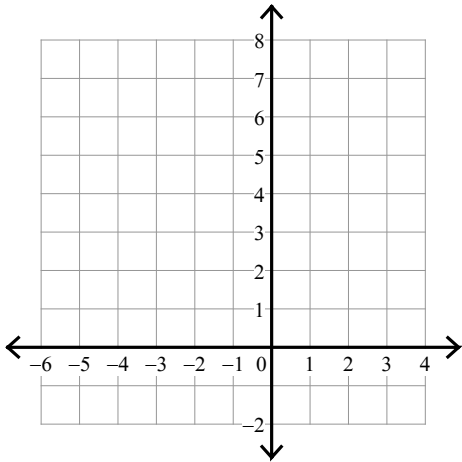
1)  $y \geq x^2 + 6x + 11$



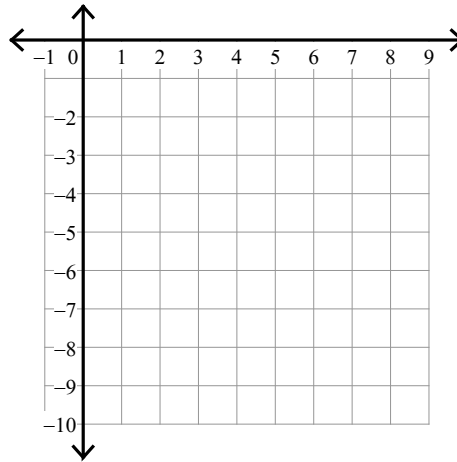
2)  $y \leq x^2 + 4x + 6$



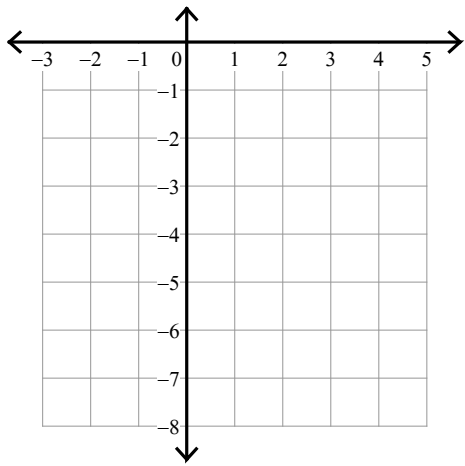
3)  $y \geq 2x^2 + 4x + 1$



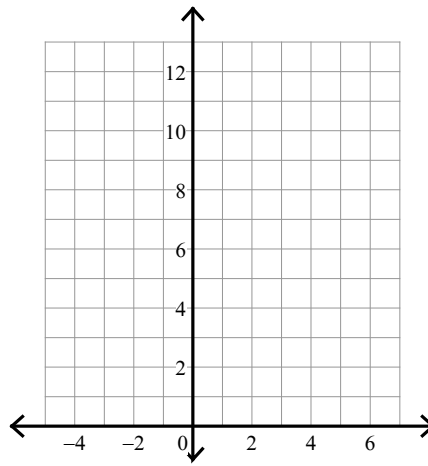
4)  $y \geq -2x^2 + 4x - 3$



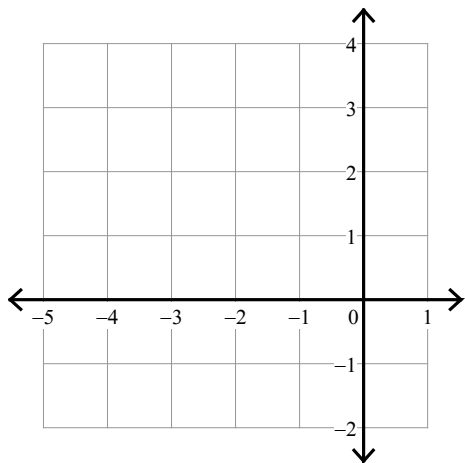
5)  $y \geq -x^2 + 4x - 7$



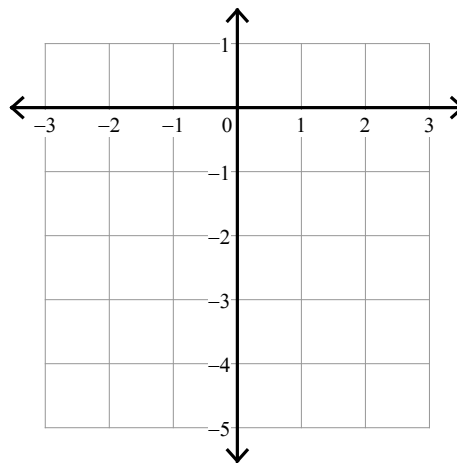
6)  $y \leq 2x^2 - 4x + 6$



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



8)  $y \leq x^2 - 2x - 3$



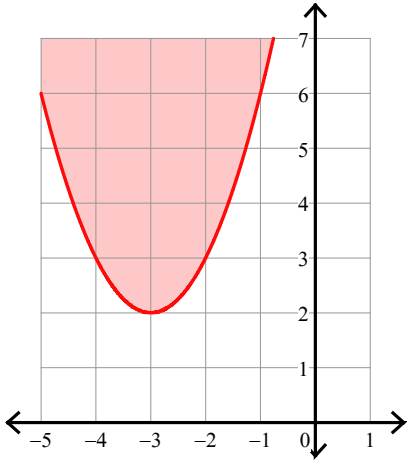
Assignment

Name \_\_\_\_\_

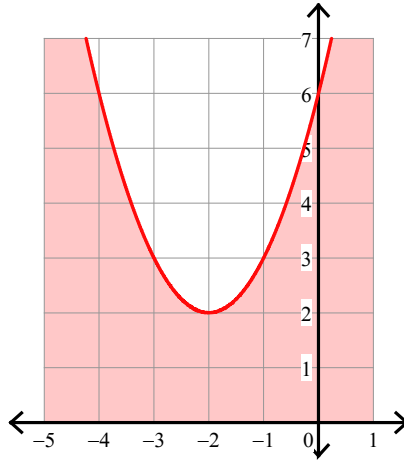
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

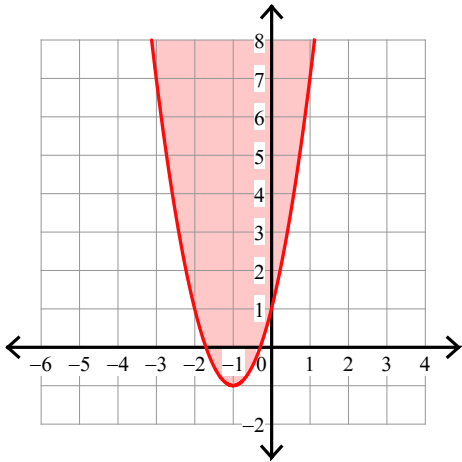
1)  $y \geq x^2 + 6x + 11$



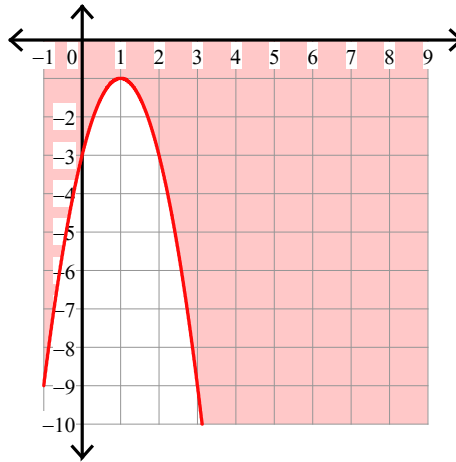
2)  $y \leq x^2 + 4x + 6$



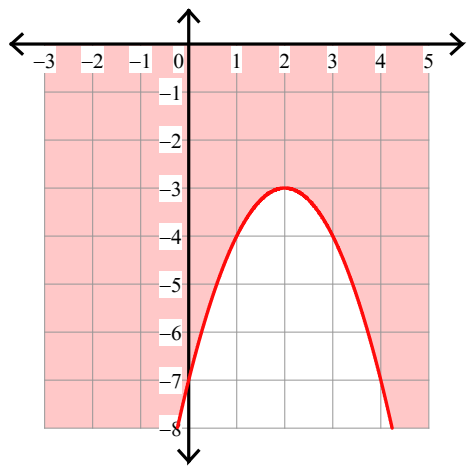
3)  $y \geq 2x^2 + 4x + 1$



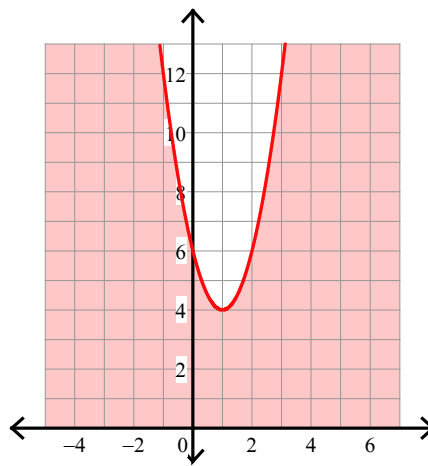
4)  $y \geq -2x^2 + 4x - 3$



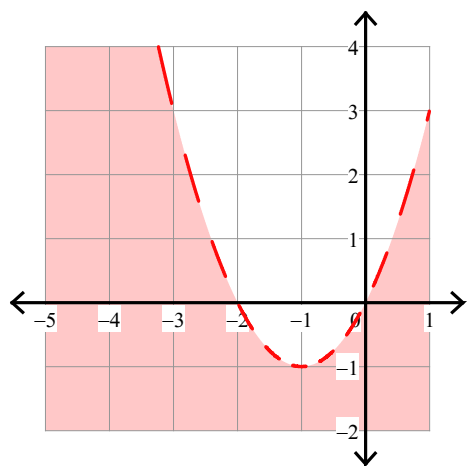
5)  $y \geq -x^2 + 4x - 7$



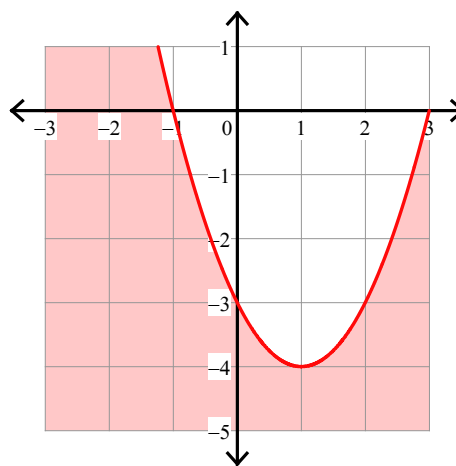
6)  $y \leq 2x^2 - 4x + 6$



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



8)  $y \leq x^2 - 2x - 3$



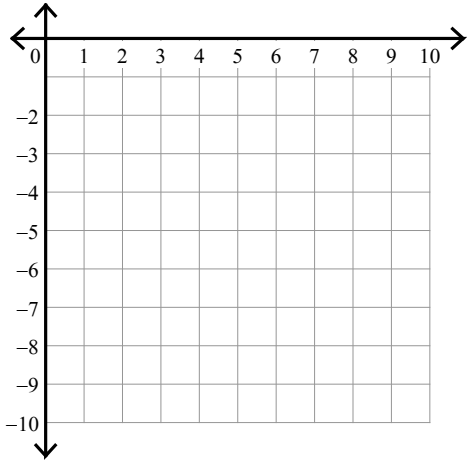
## Assignment

Name \_\_\_\_\_

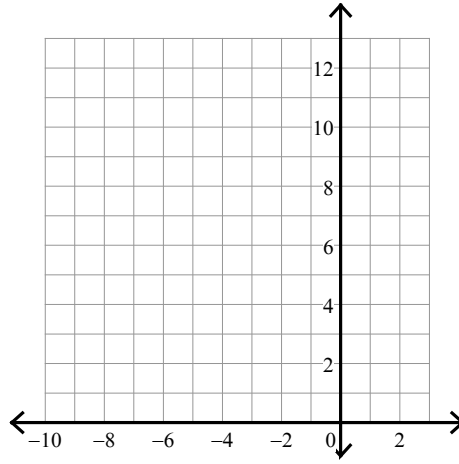
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

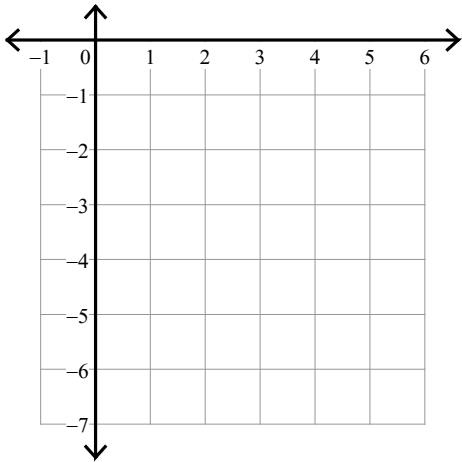
1)  $y < -2x^2 + 8x - 9$



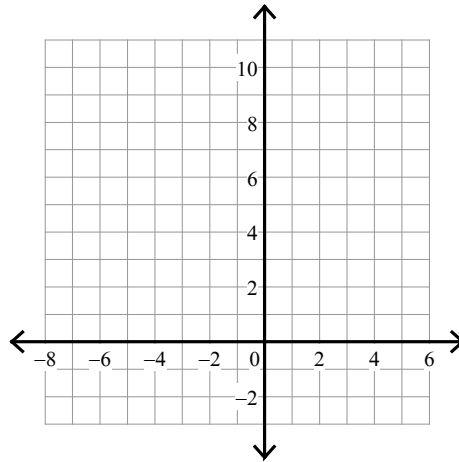
2)  $y \geq 2x^2 + 16x + 36$



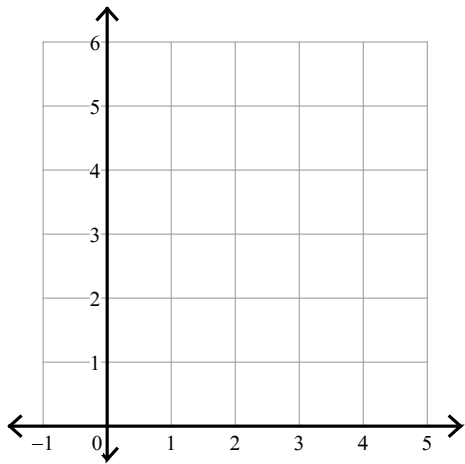
3)  $y > -x^2 + 8x - 18$



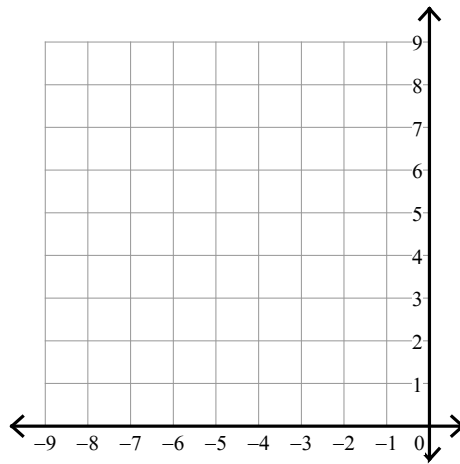
4)  $y > 3x^2 + 12x + 10$



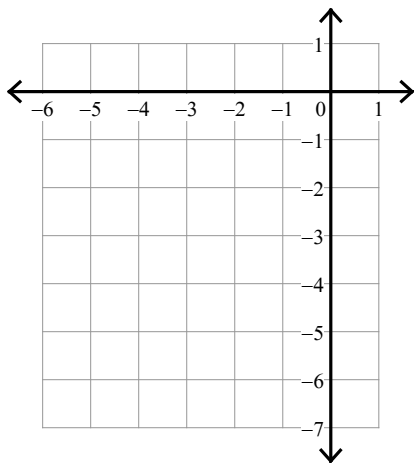
5)  $y \leq x^2 - 4x + 5$



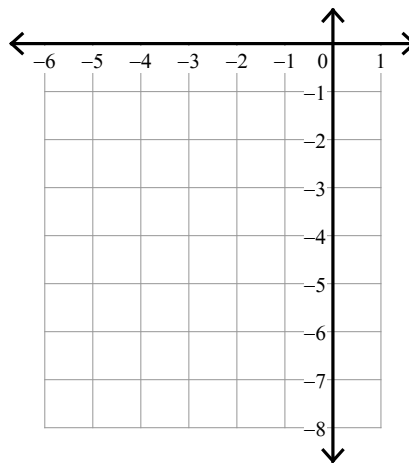
6)  $y > x^2 + 8x + 20$



7)  $y < -x^2 - 8x - 17$



8)  $y > -x^2 - 8x - 19$



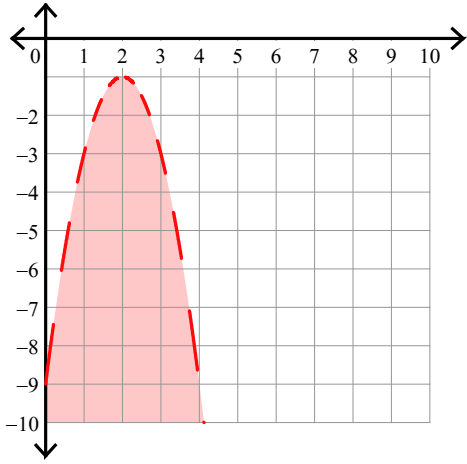
Assignment

Name \_\_\_\_\_

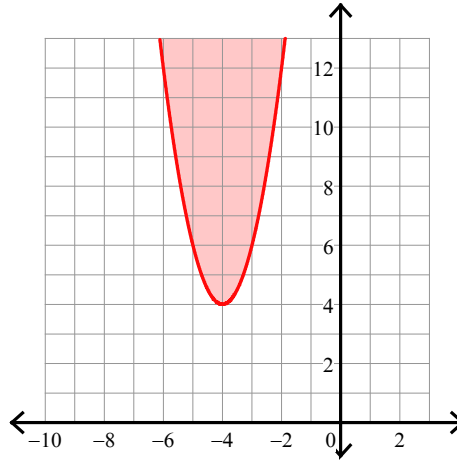
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

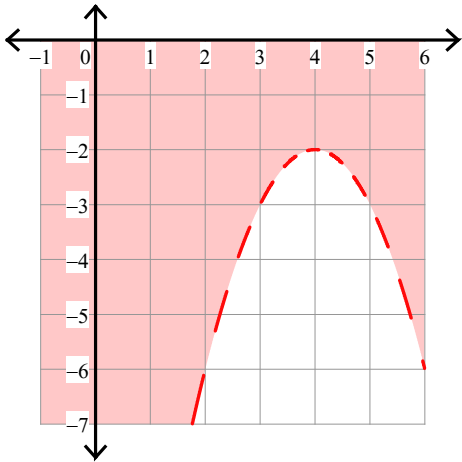
1)  $y < -2x^2 + 8x - 9$



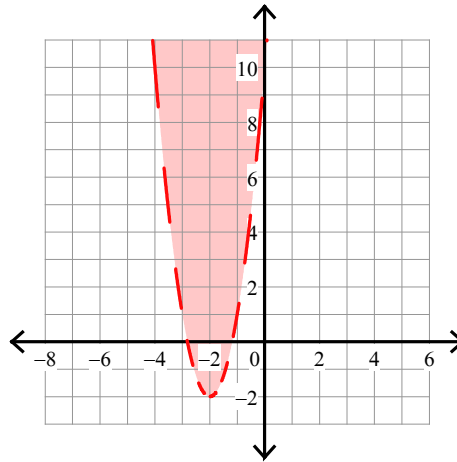
2)  $y \geq 2x^2 + 16x + 36$



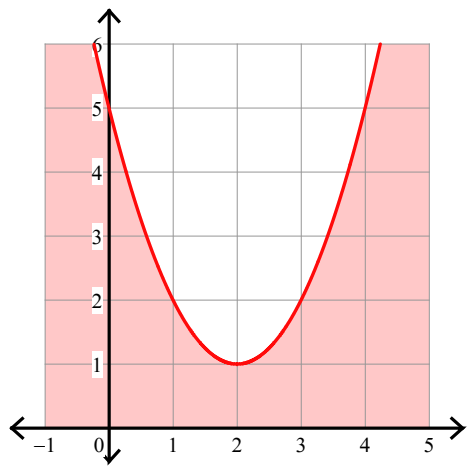
3)  $y > -x^2 + 8x - 18$



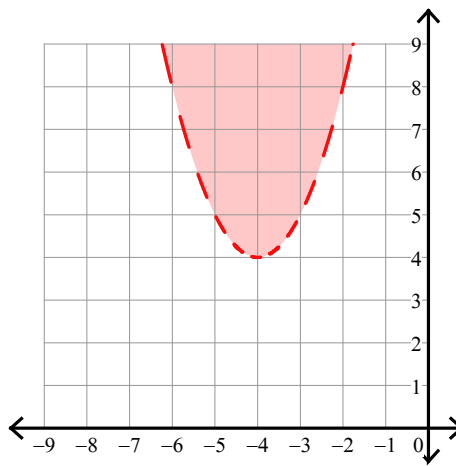
4)  $y > 3x^2 + 12x + 10$



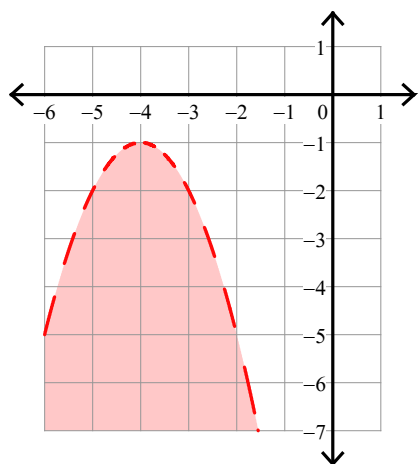
$$5) y \leq x^2 - 4x + 5$$



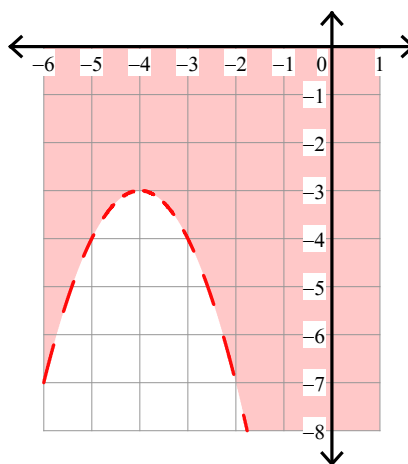
$$6) y > x^2 + 8x + 20$$



$$7) y < -x^2 - 8x - 17$$



$$8) y > -x^2 - 8x - 19$$





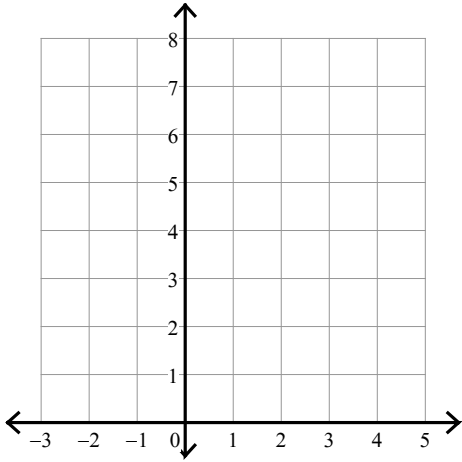
## Assignment

Name \_\_\_\_\_

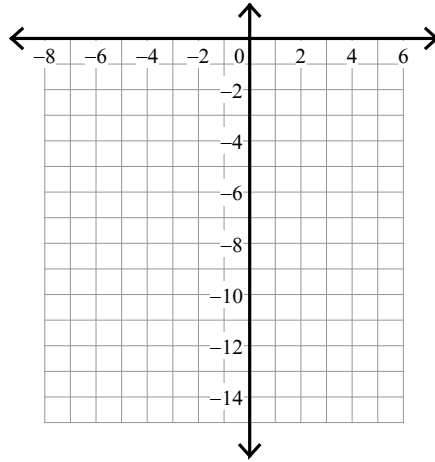
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

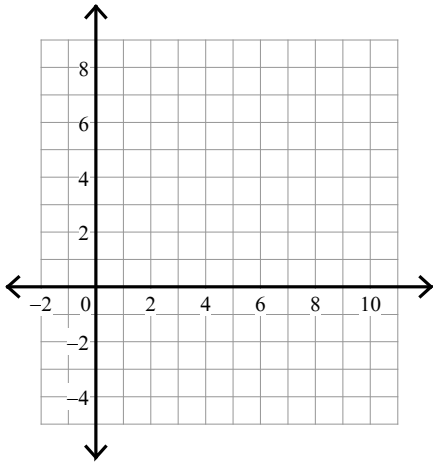
1)  $y < x^2 - 2x + 4$



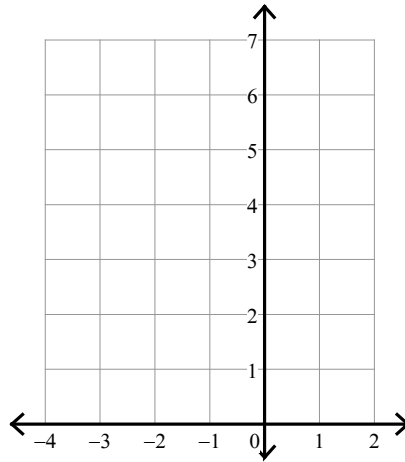
2)  $y < -3x^2 + 6x - 5$



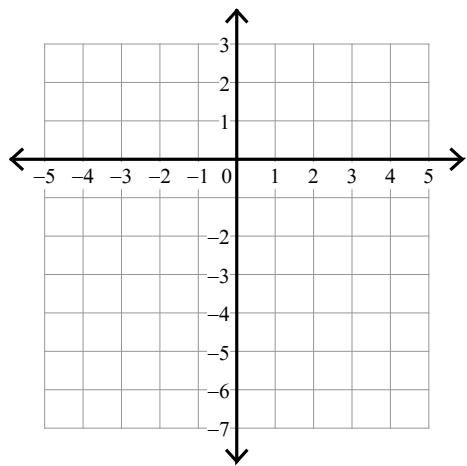
3)  $y \geq 3x^2 - 24x + 44$



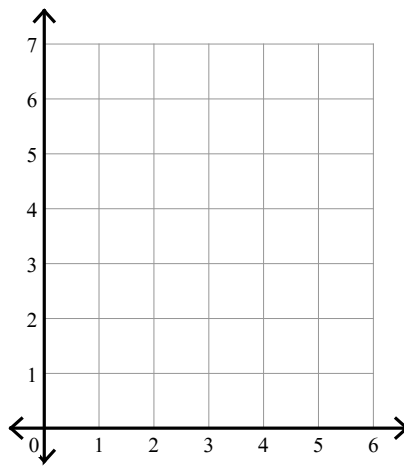
4)  $y > x^2 + 2x + 3$



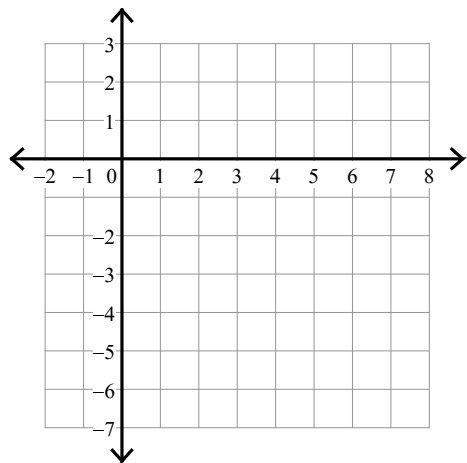
5)  $y > -2x^2 + 8x - 6$



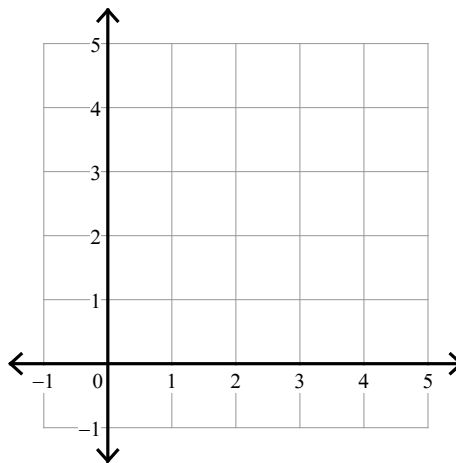
6)  $y < x^2 - 4x + 6$



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



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

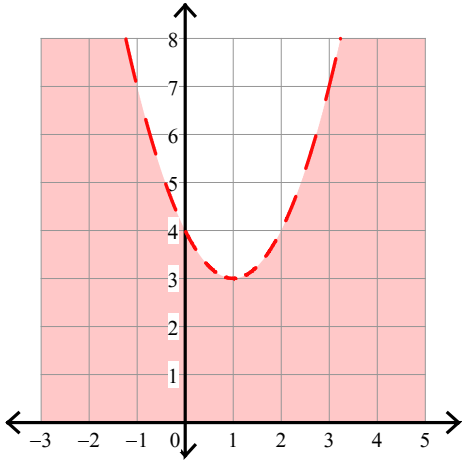


Assignment

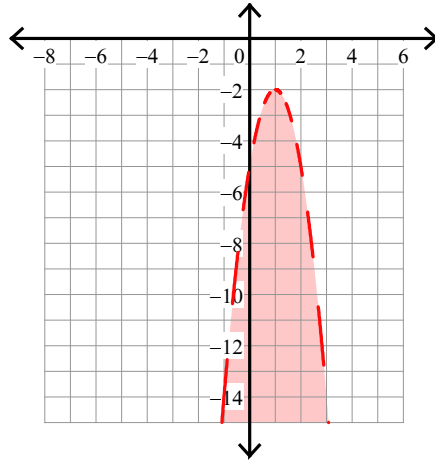
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

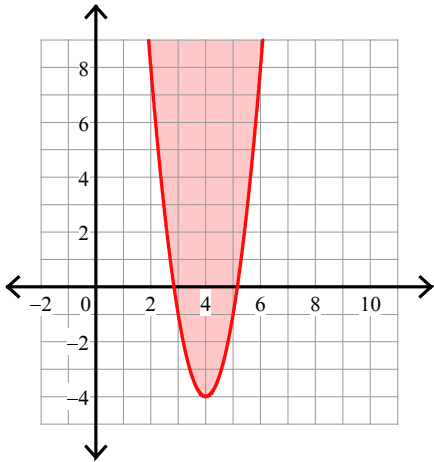
1)  $y < x^2 - 2x + 4$



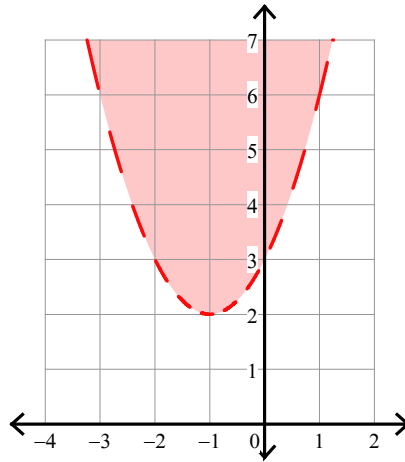
2)  $y < -3x^2 + 6x - 5$



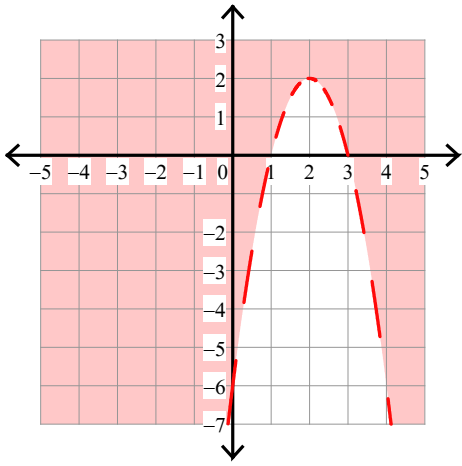
3)  $y \geq 3x^2 - 24x + 44$



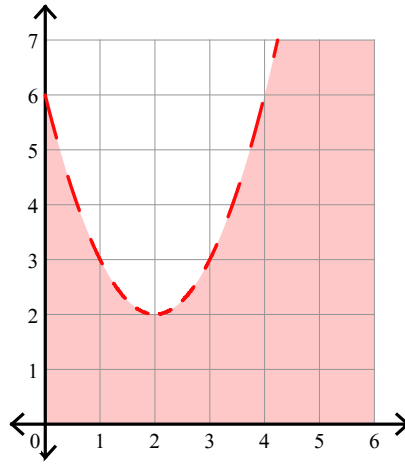
4)  $y > x^2 + 2x + 3$



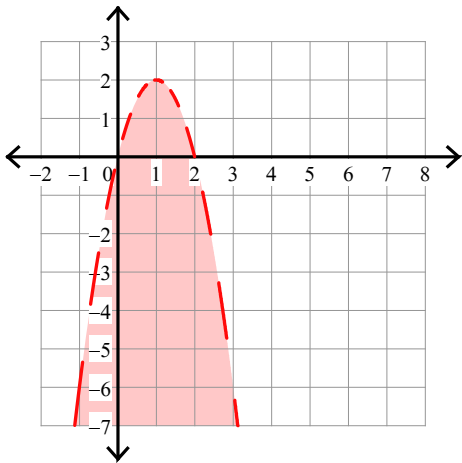
5)  $y > -2x^2 + 8x - 6$



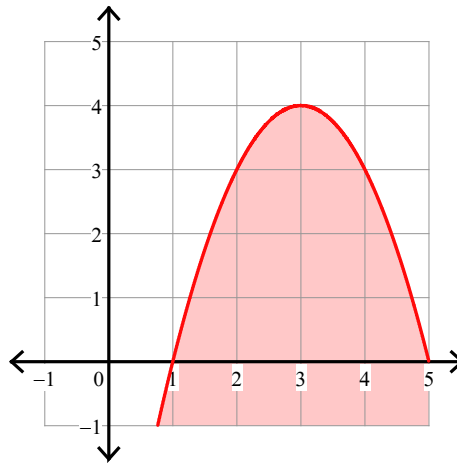
6)  $y < x^2 - 4x + 6$



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



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



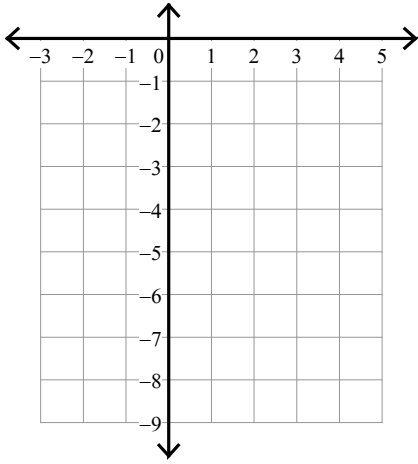
## Assignment

Name \_\_\_\_\_

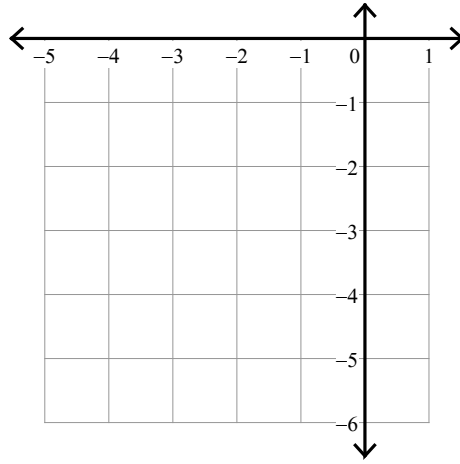
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

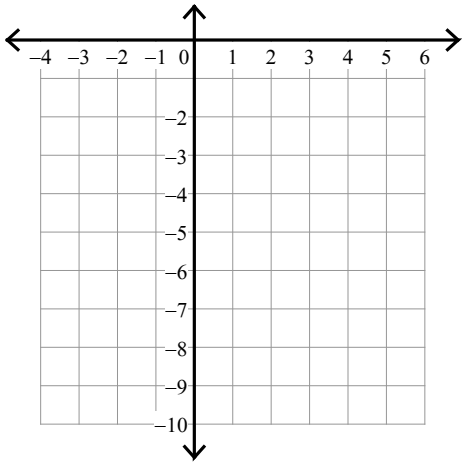
1)  $y < -x^2 + 2x - 5$



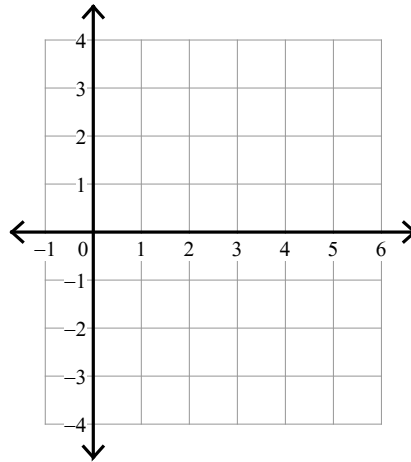
2)  $y > -x^2 - 4x - 5$



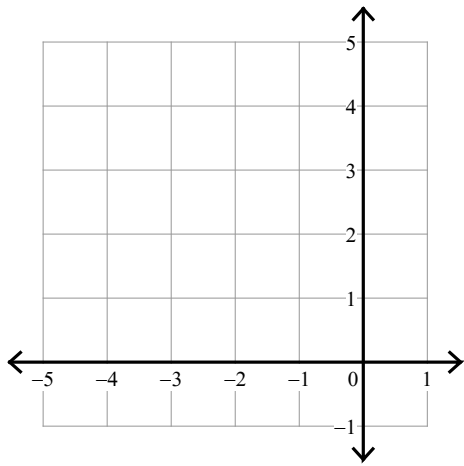
3)  $y > -2x^2 + 8x - 9$



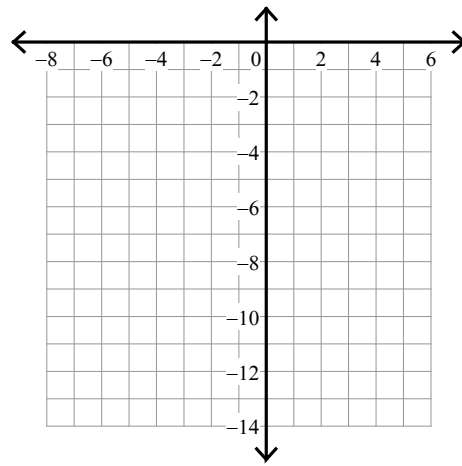
4)  $y > x^2 - 8x + 14$



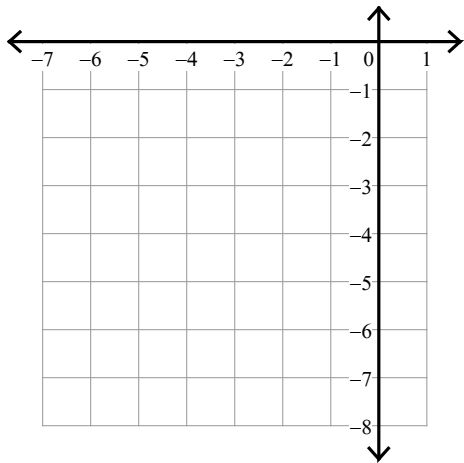
5)  $y < -x^2 - 4x$



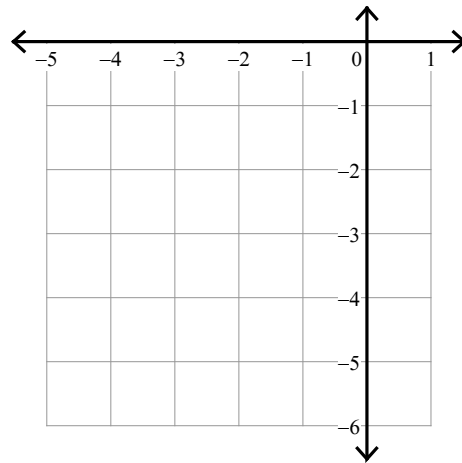
6)  $y \leq -3x^2 - 12x - 13$



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



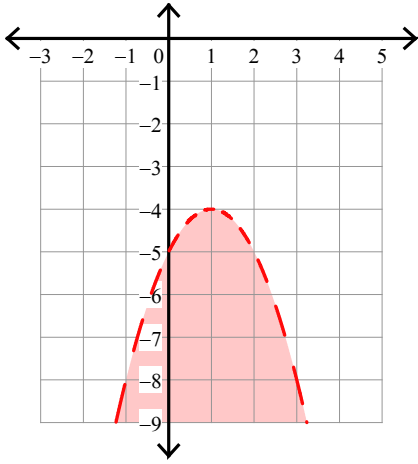
8)  $y \leq -x^2 - 6x - 10$



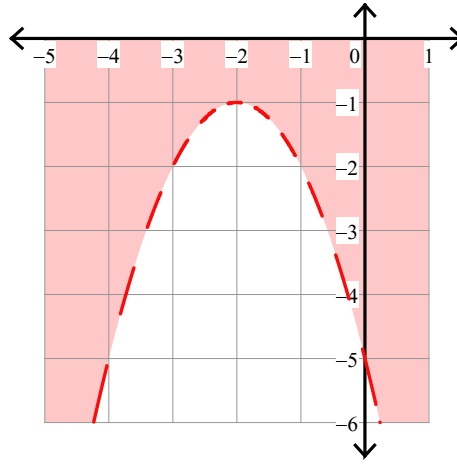
Assignment

Sketch the graph of each function.

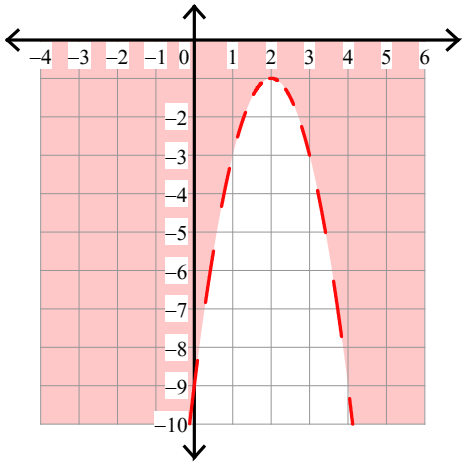
1)  $y < -x^2 + 2x - 5$



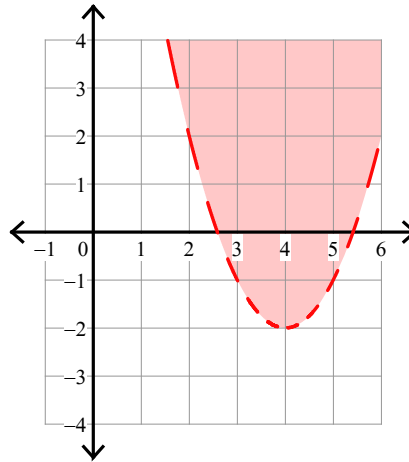
2)  $y > -x^2 - 4x - 5$



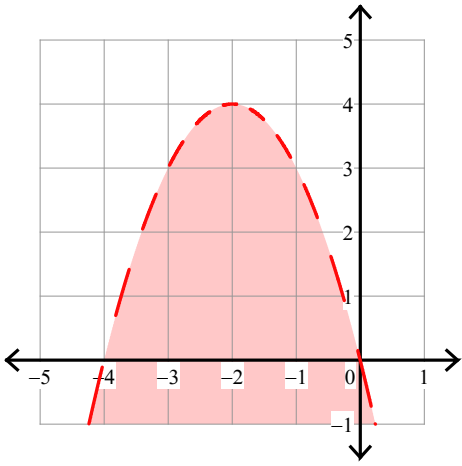
3)  $y > -2x^2 + 8x - 9$



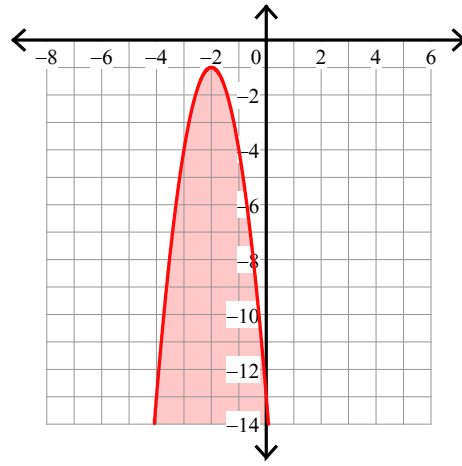
4)  $y > x^2 - 8x + 14$



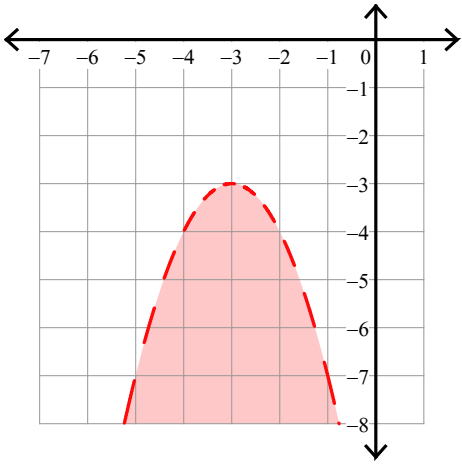
5)  $y < -x^2 - 4x$



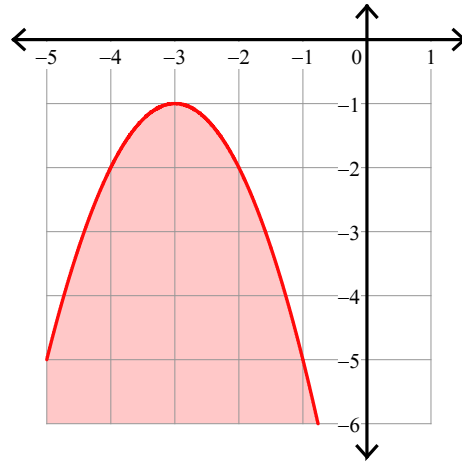
6)  $y \leq -3x^2 - 12x - 13$



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



8)  $y \leq -x^2 - 6x - 10$





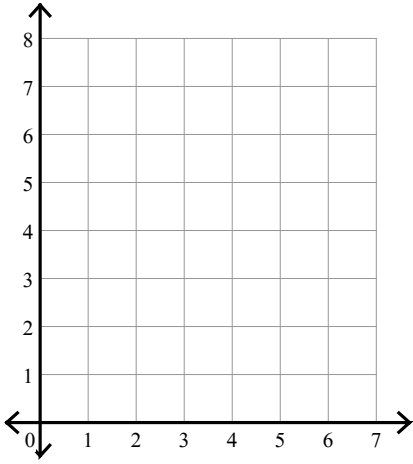
## Assignment

Name \_\_\_\_\_

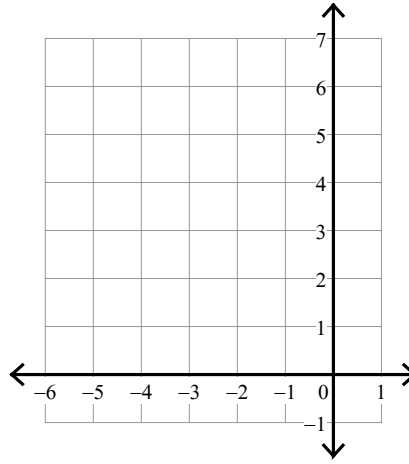
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

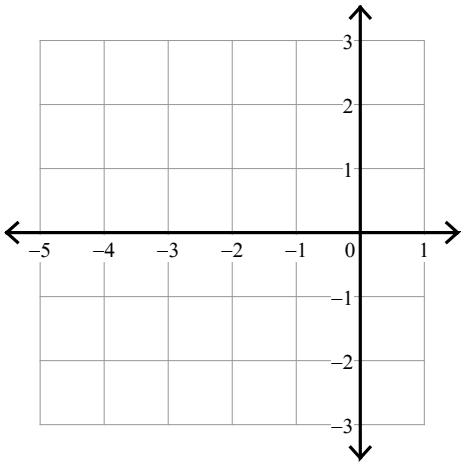
1)  $y \leq x^2 - 8x + 19$



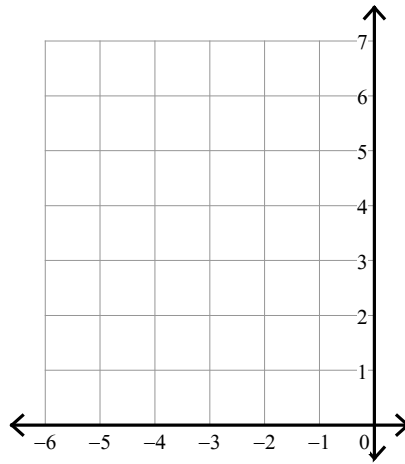
2)  $y \geq x^2 + 8x + 17$



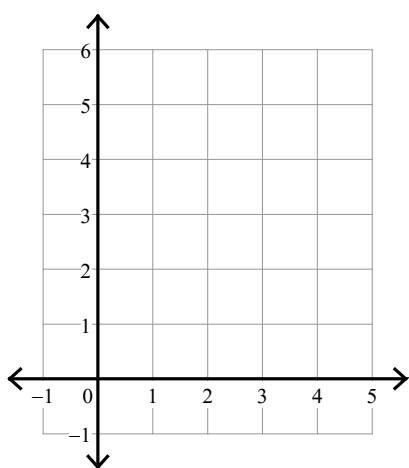
3)  $y > \frac{1}{2}x^2 + 2x + 1$



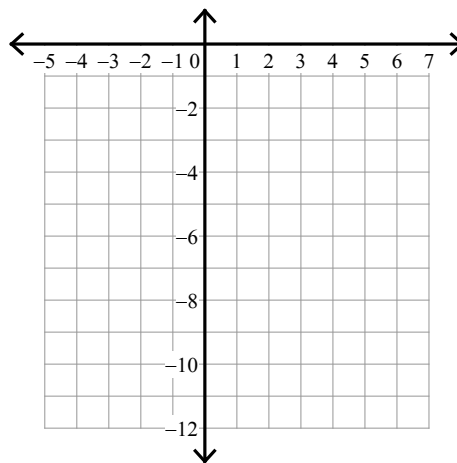
4)  $y \geq x^2 + 4x + 6$



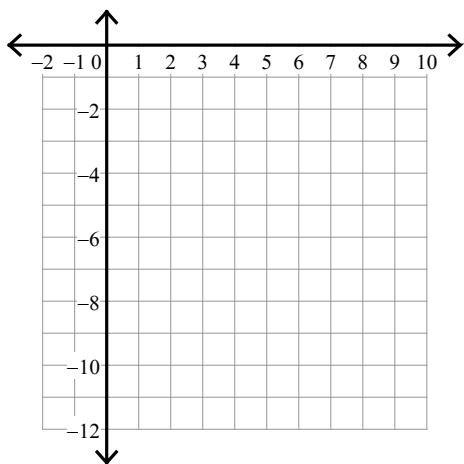
$$5) y \leq \frac{1}{2}x^2 - 2x + 4$$



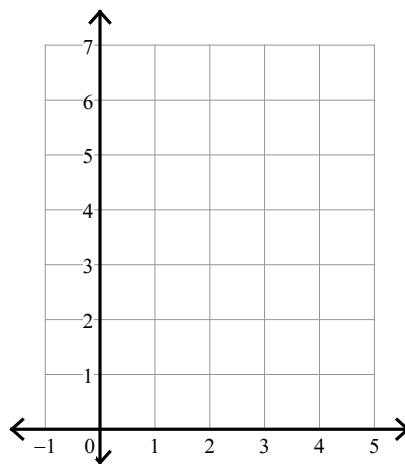
$$6) y < -2x^2 + 8x - 11$$



$$7) y > -2x^2 + 4x - 5$$



$$8) y > x^2 - 4x + 6$$



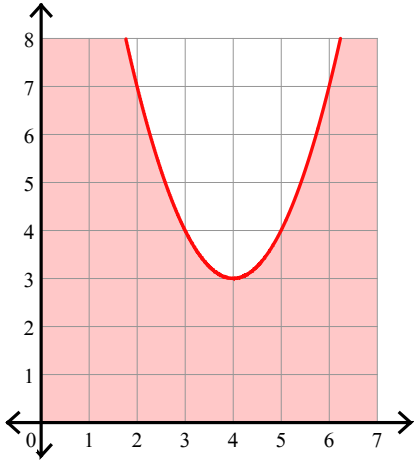
Assignment

Name \_\_\_\_\_

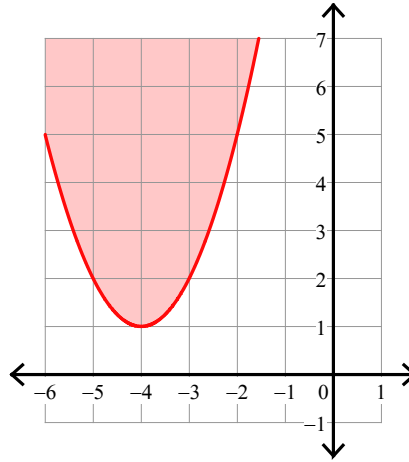
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

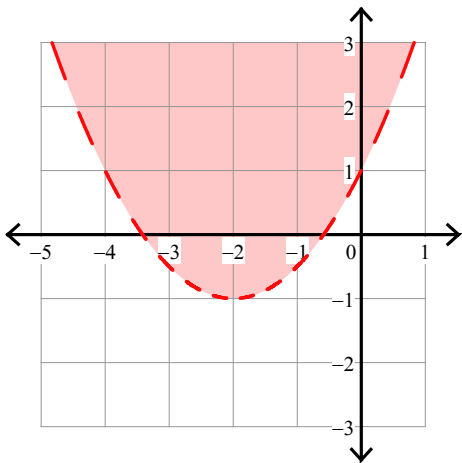
1)  $y \leq x^2 - 8x + 19$



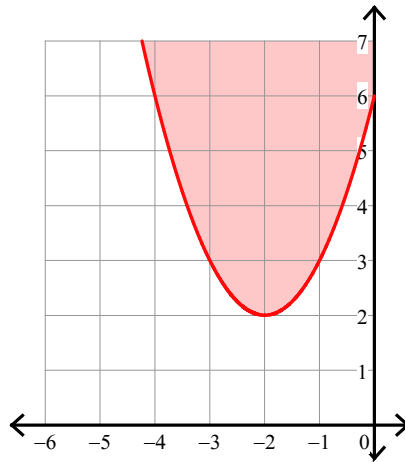
2)  $y \geq x^2 + 8x + 17$



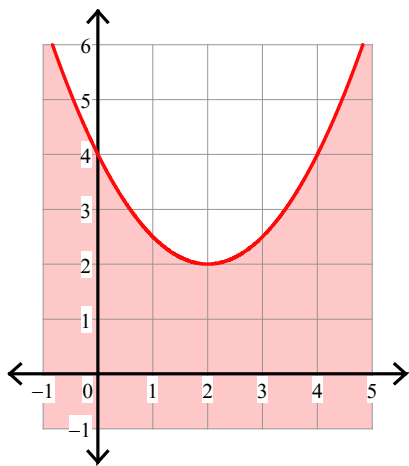
3)  $y > \frac{1}{2}x^2 + 2x + 1$



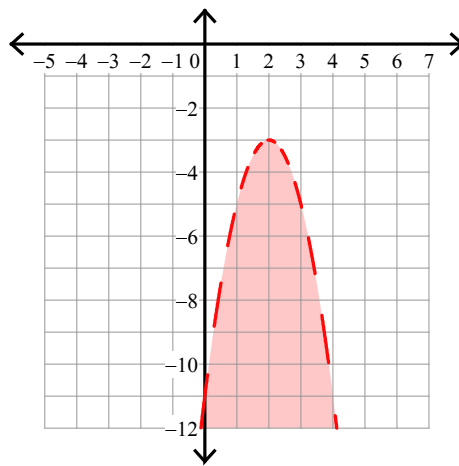
4)  $y \geq x^2 + 4x + 6$



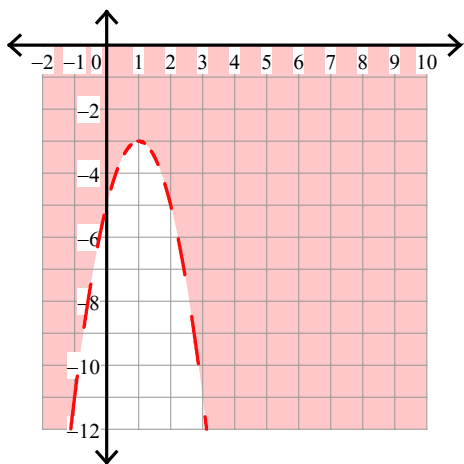
$$5) y \leq \frac{1}{2}x^2 - 2x + 4$$



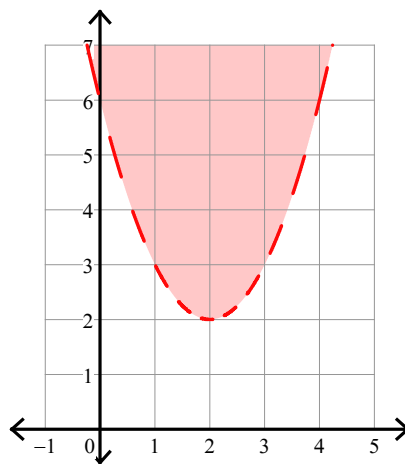
$$6) y < -2x^2 + 8x - 11$$



$$7) y > -2x^2 + 4x - 5$$



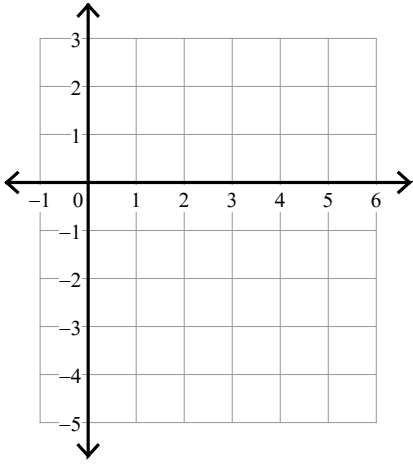
$$8) y > x^2 - 4x + 6$$



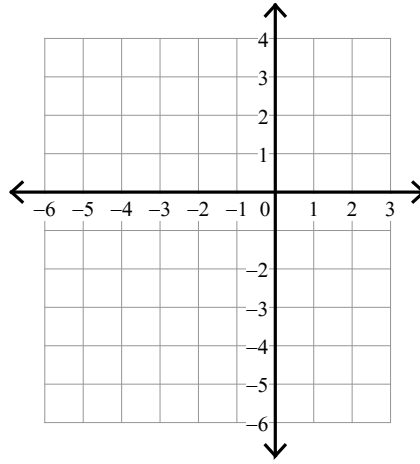
## Assignment

Sketch the graph of each function.

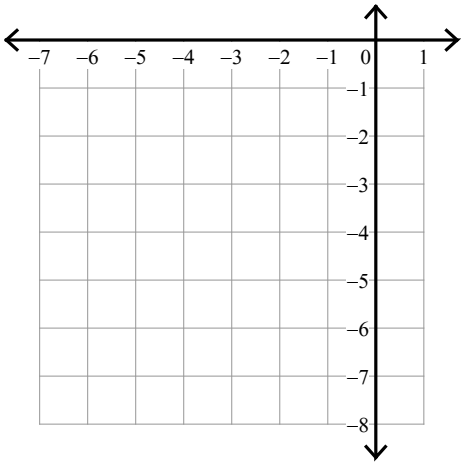
1)  $y \geq x^2 - 8x + 13$



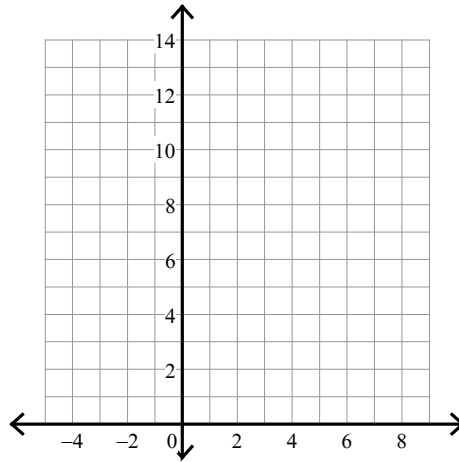
2)  $y < -2x^2 - 16x - 29$



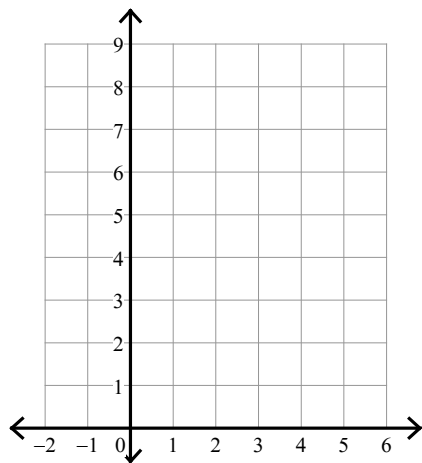
3)  $y < -x^2 - 2x - 4$



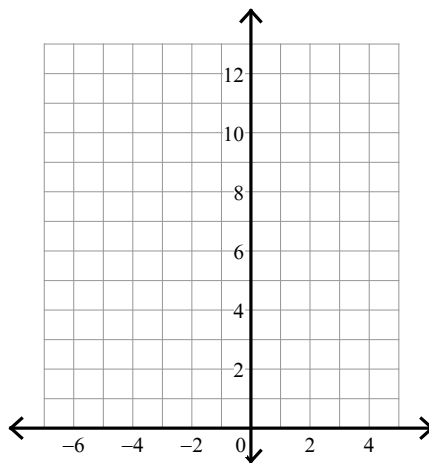
4)  $y \leq 3x^2 + 6x + 4$



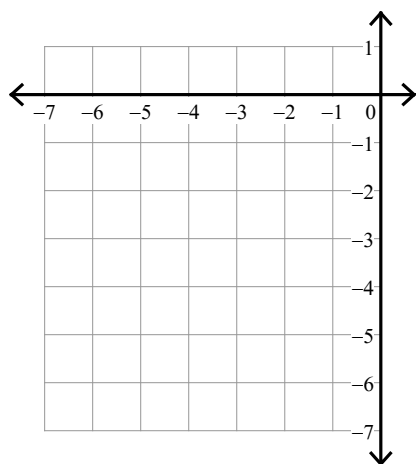
5)  $y < x^2 - 2x + 5$



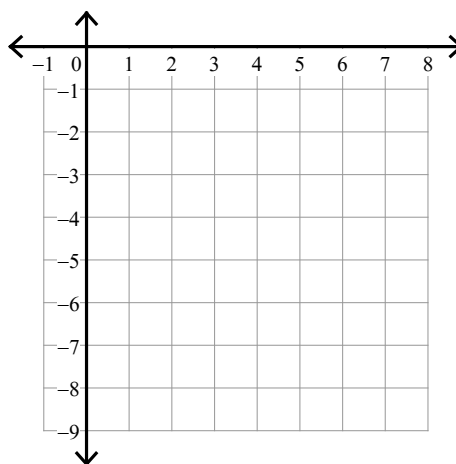
6)  $y < 2x^2 - 8x + 12$



7)  $y \geq -x^2 - 8x - 17$



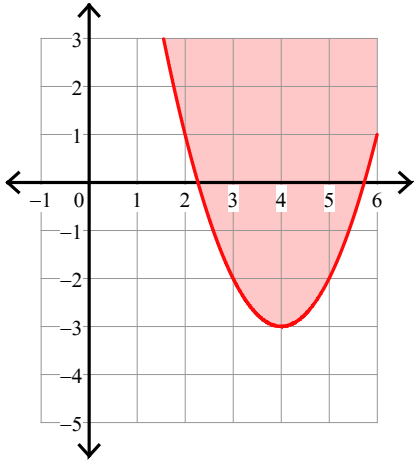
8)  $y > -x^2 + 8x - 20$



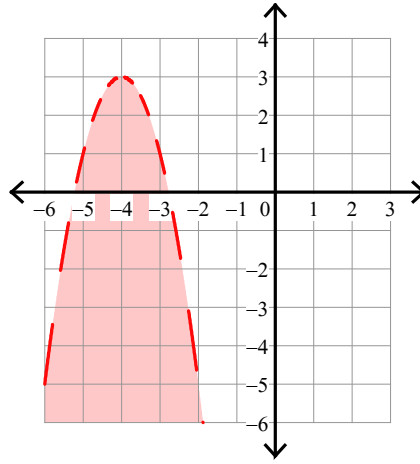
Assignment

Sketch the graph of each function.

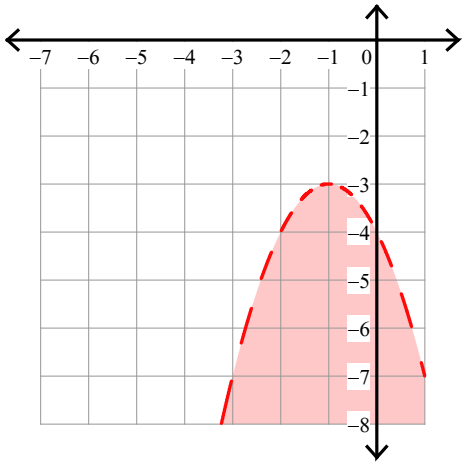
1)  $y \geq x^2 - 8x + 13$



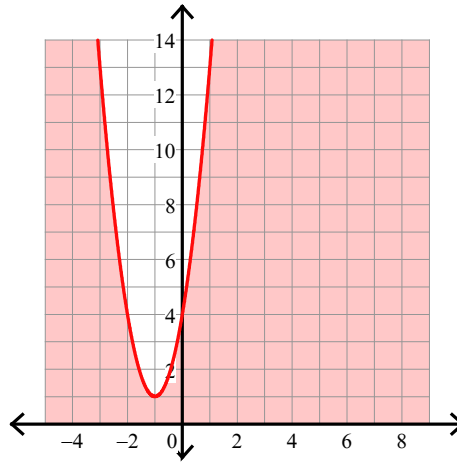
2)  $y < -2x^2 - 16x - 29$



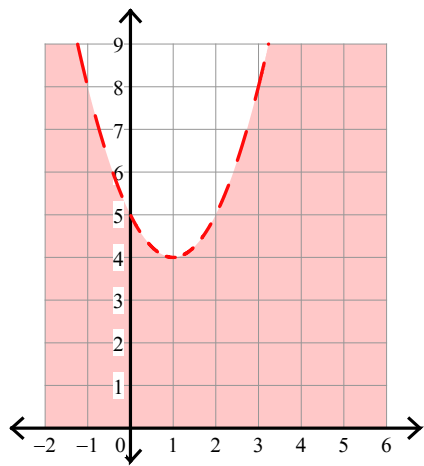
3)  $y < -x^2 - 2x - 4$



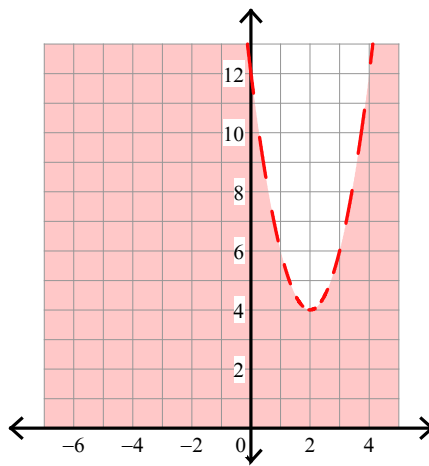
4)  $y \leq 3x^2 + 6x + 4$



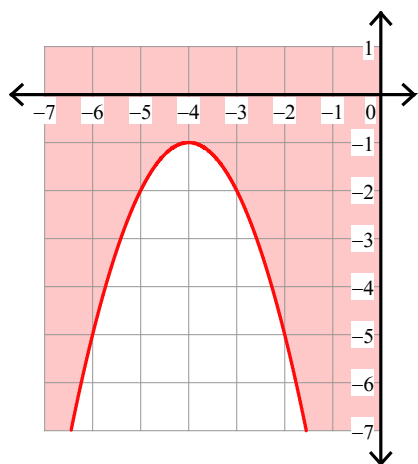
$$5) y < x^2 - 2x + 5$$



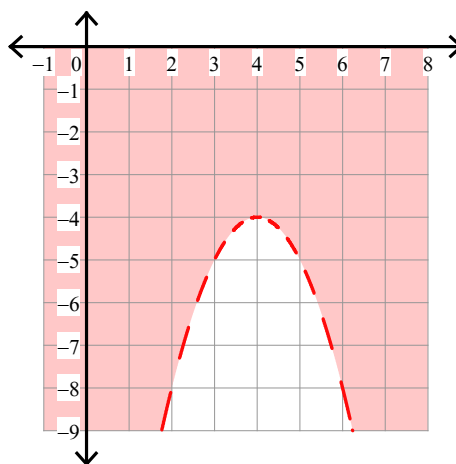
$$6) y < 2x^2 - 8x + 12$$



$$7) y \geq -x^2 - 8x - 17$$



$$8) y > -x^2 + 8x - 20$$





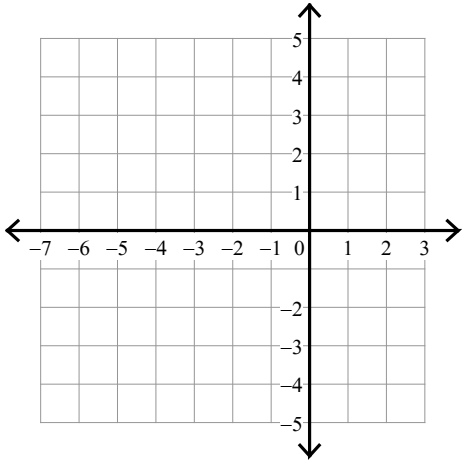
## Assignment

Name \_\_\_\_\_

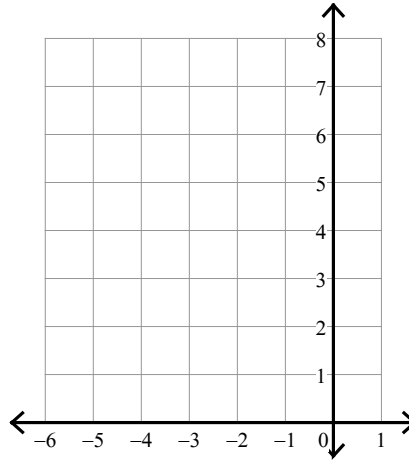
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

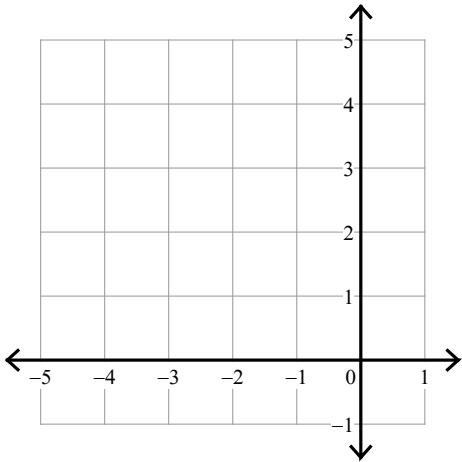
1)  $y \leq -2x^2 + 4x + 2$



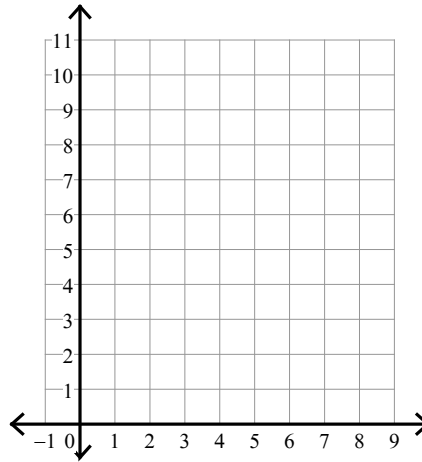
2)  $y > x^2 + 8x + 19$



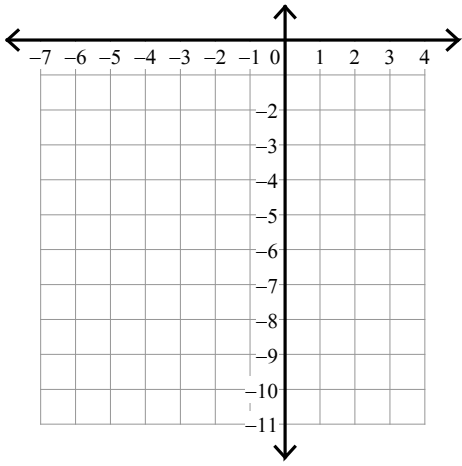
3)  $y > -x^2 - 6x - 5$



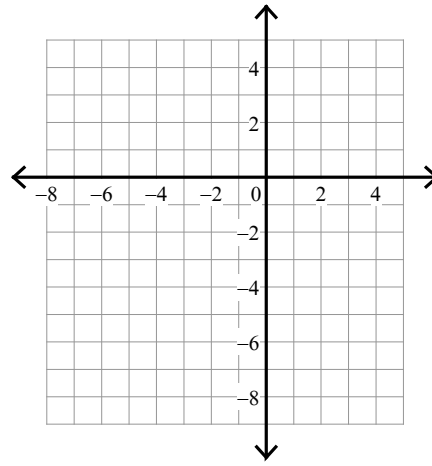
4)  $y \leq 2x^2 - 12x + 20$



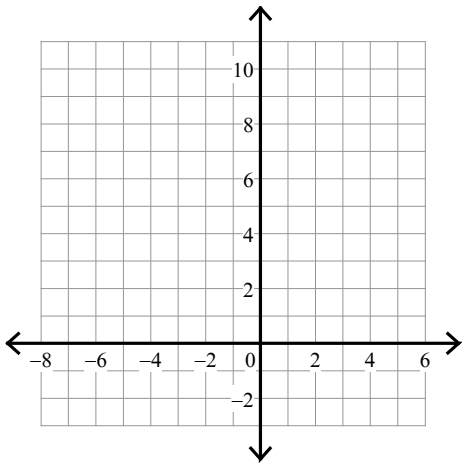
5)  $y \leq -2x^2 - 16x - 34$



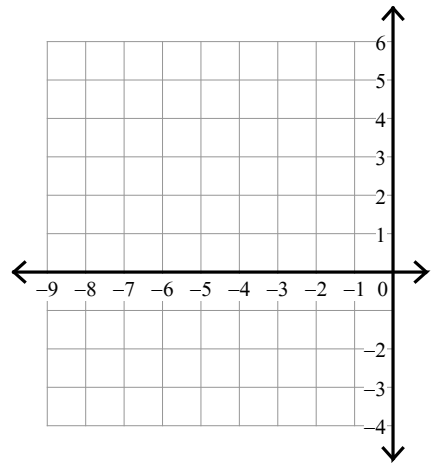
6)  $y > -3x^2 - 24x - 44$



7)  $y \leq 3x^2 + 6x + 1$



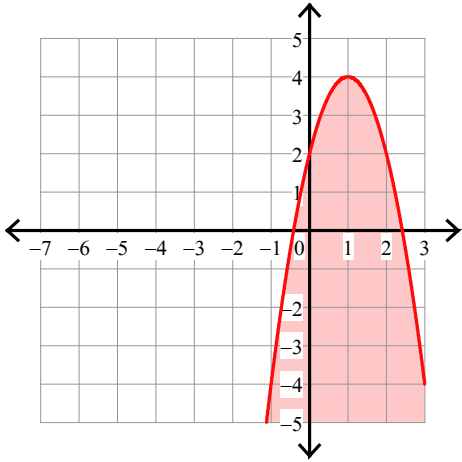
8)  $y < 2x^2 + 16x + 29$



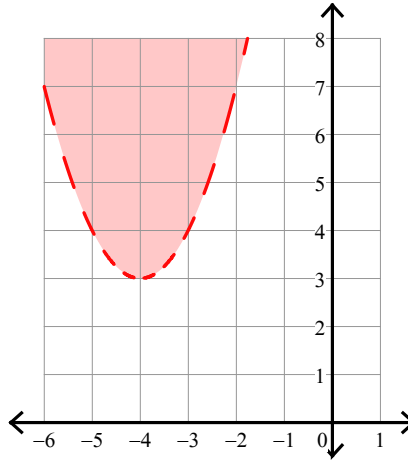
Assignment

Sketch the graph of each function.

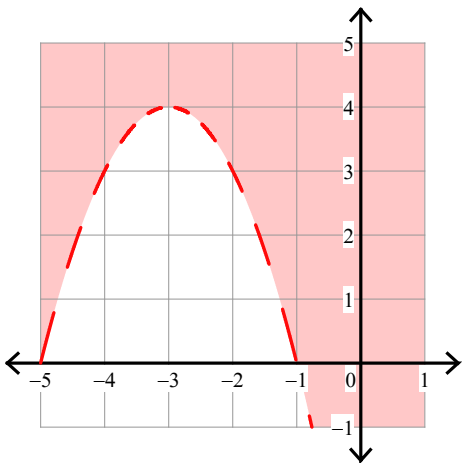
1)  $y \leq -2x^2 + 4x + 2$



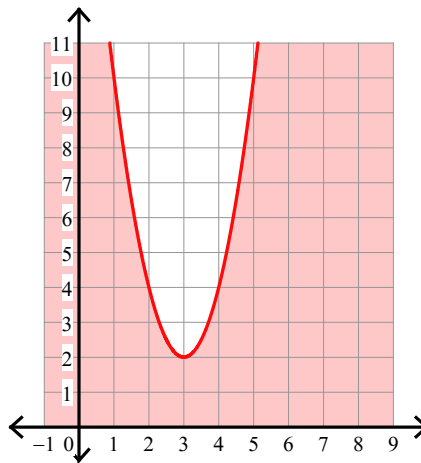
2)  $y > x^2 + 8x + 19$



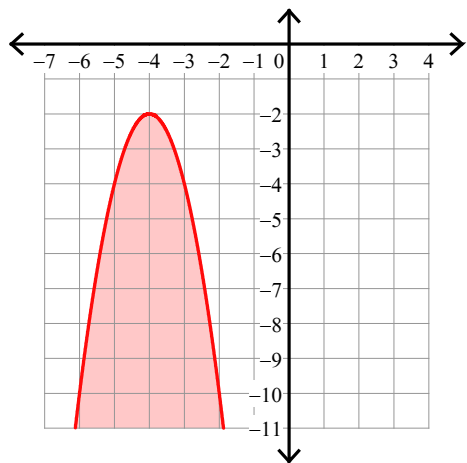
3)  $y > -x^2 - 6x - 5$



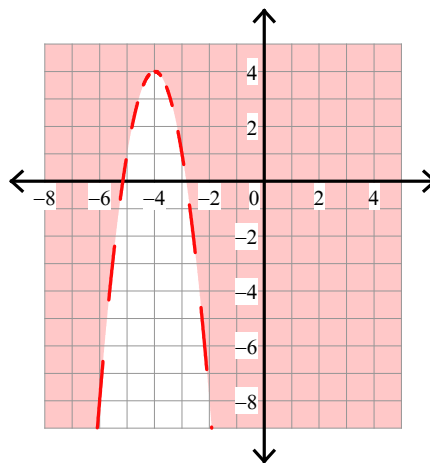
4)  $y \leq 2x^2 - 12x + 20$



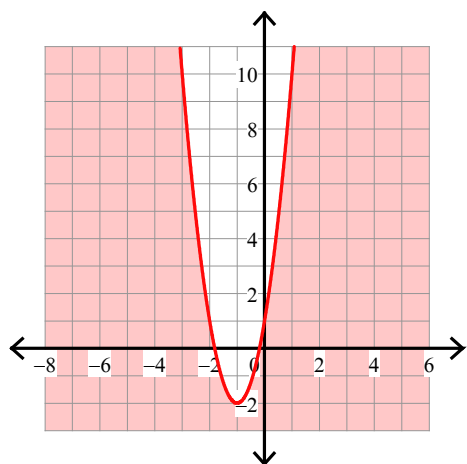
5)  $y \leq -2x^2 - 16x - 34$



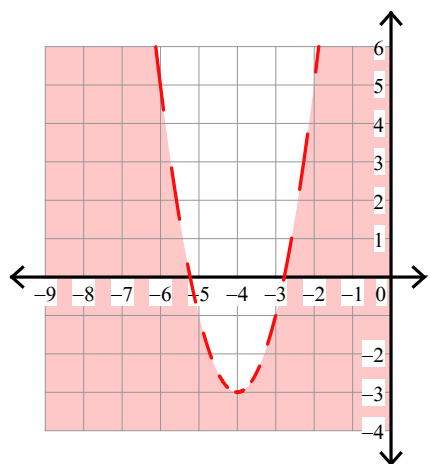
6)  $y > -3x^2 - 24x - 44$



7)  $y \leq 3x^2 + 6x + 1$



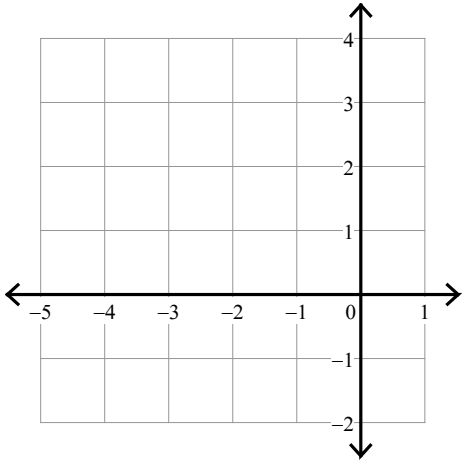
8)  $y < 2x^2 + 16x + 29$



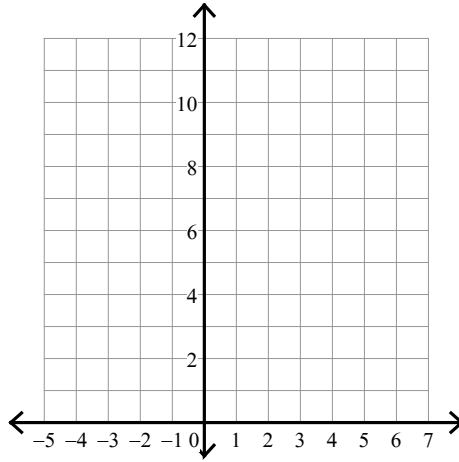
Assignment

Sketch the graph of each function.

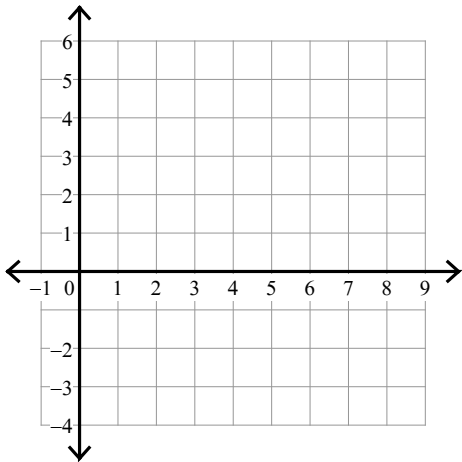
1)  $y \leq -x^2 - 2x + 2$



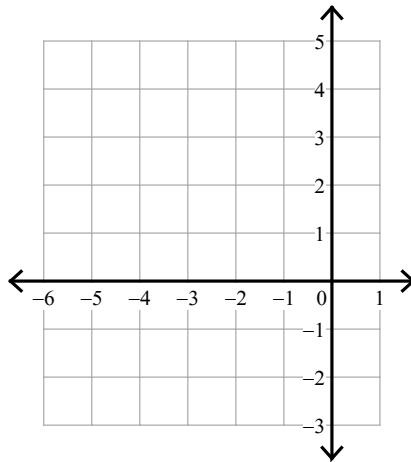
2)  $y \geq 2x^2 - 8x + 11$



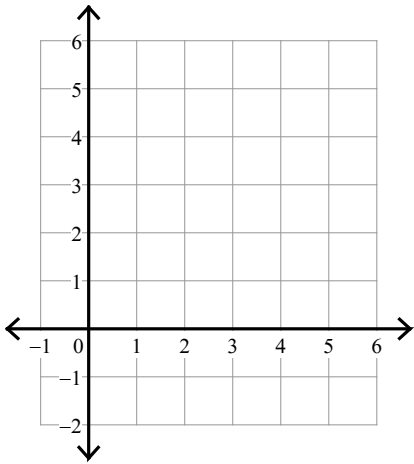
3)  $y \geq 2x^2 - 8x + 5$



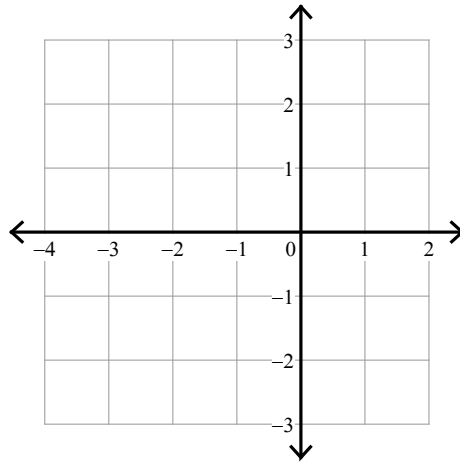
4)  $y < -x^2 - 8x - 13$



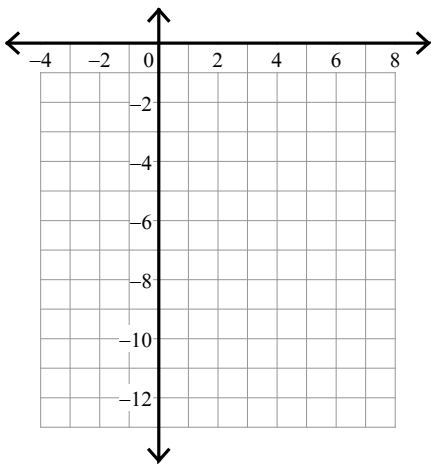
$$5) y \leq -\frac{1}{4}x^2 + 2x - 1$$



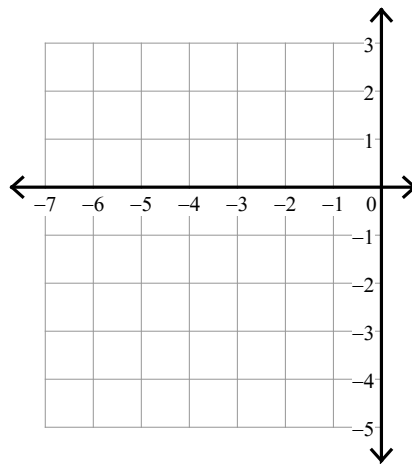
$$6) y \leq -x^2 - 2x + 1$$



$$7) y \geq -2x^2 + 8x - 12$$



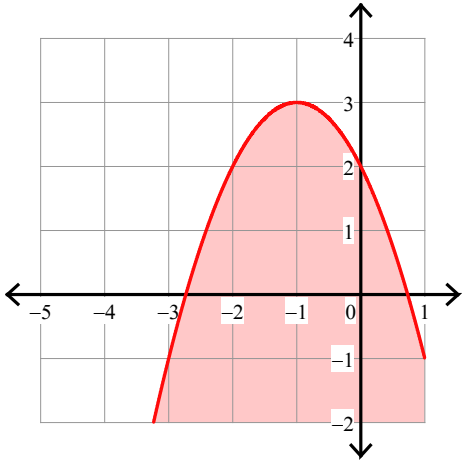
$$8) y < x^2 + 8x + 13$$



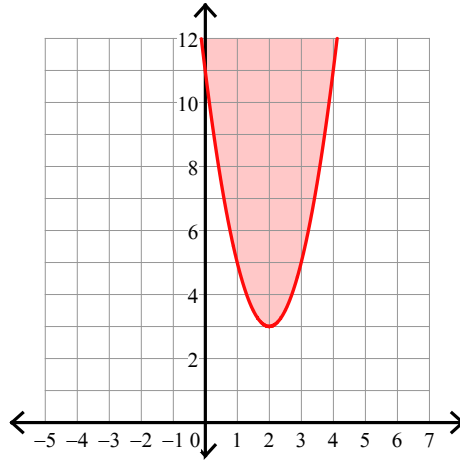
Assignment

Sketch the graph of each function.

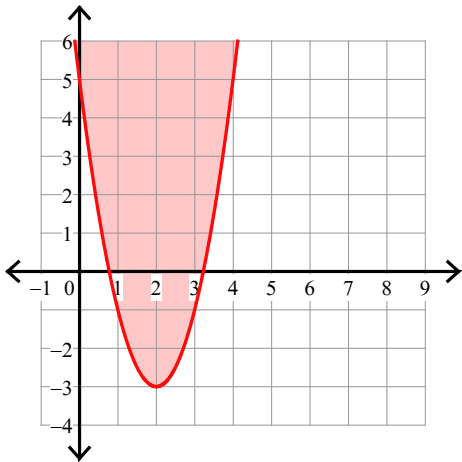
1)  $y \leq -x^2 - 2x + 2$



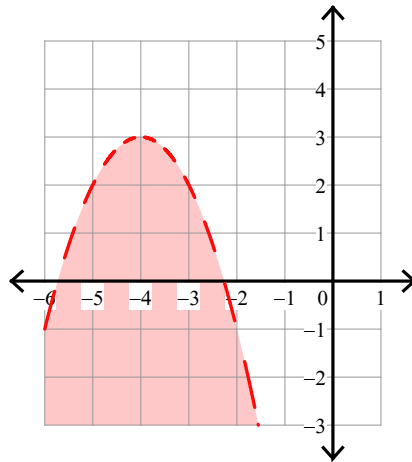
2)  $y \geq 2x^2 - 8x + 11$



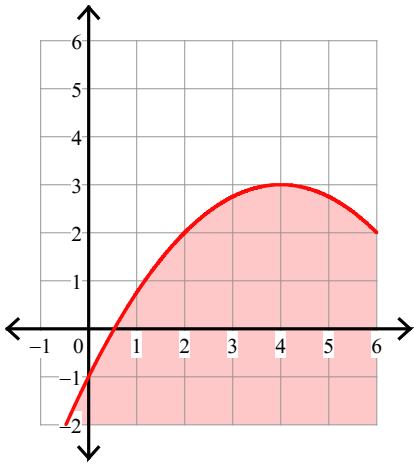
3)  $y \geq 2x^2 - 8x + 5$



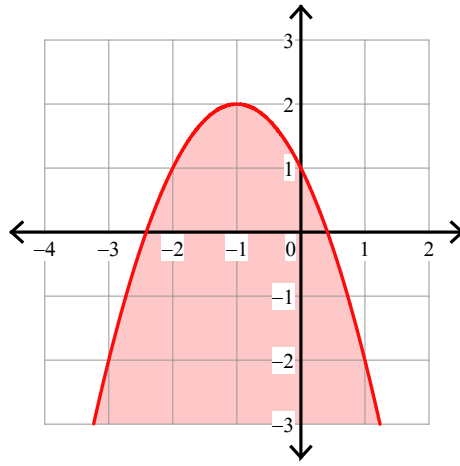
4)  $y < -x^2 - 8x - 13$



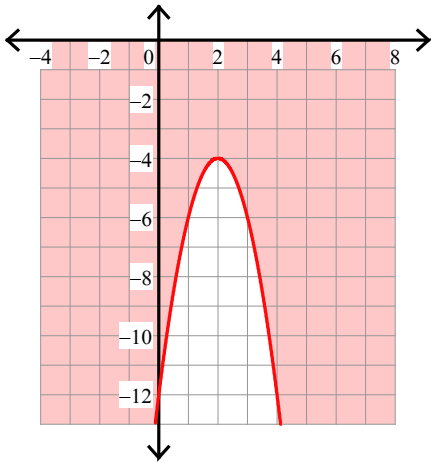
$$5) y \leq -\frac{1}{4}x^2 + 2x - 1$$



$$6) y \leq -x^2 - 2x + 1$$



$$7) y \geq -2x^2 + 8x - 12$$



$$8) y < x^2 + 8x + 13$$

