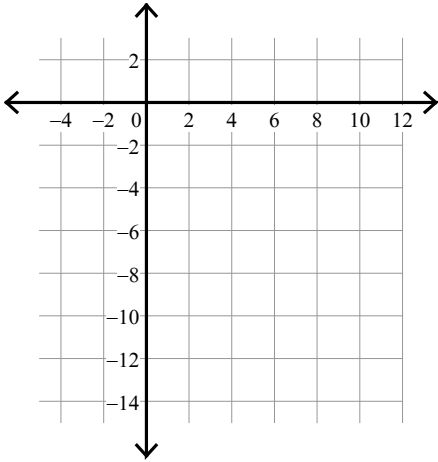


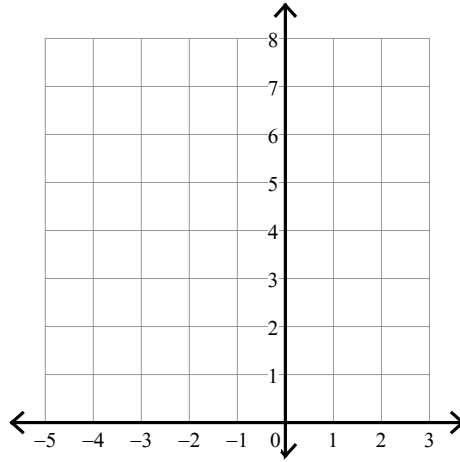
## Assignment

Sketch the graph of each function.

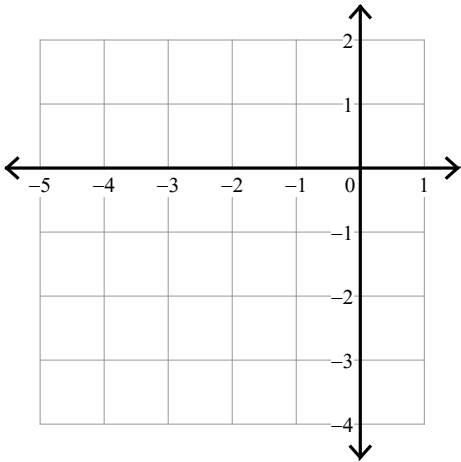
1)  $y = -4x^2 + 32x - 62$



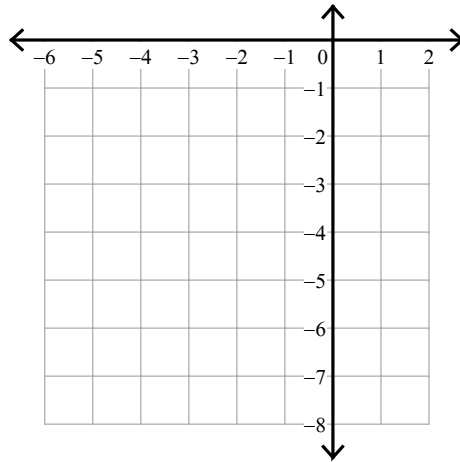
2)  $y = x^2 + 2x + 4$



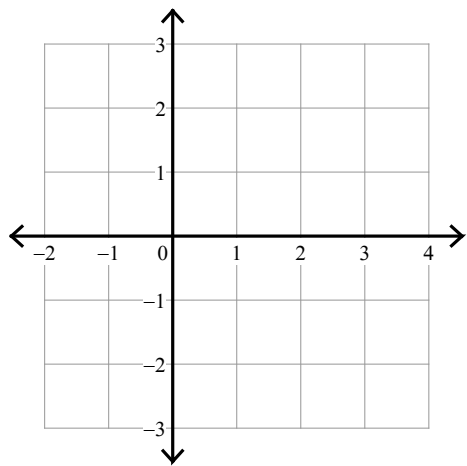
3)  $y = x^2 + 4x + 1$



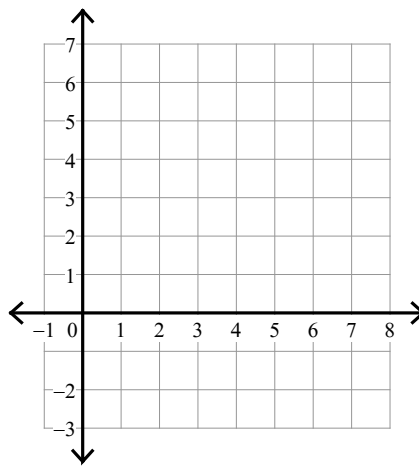
4)  $y = -x^2 - 4x - 7$



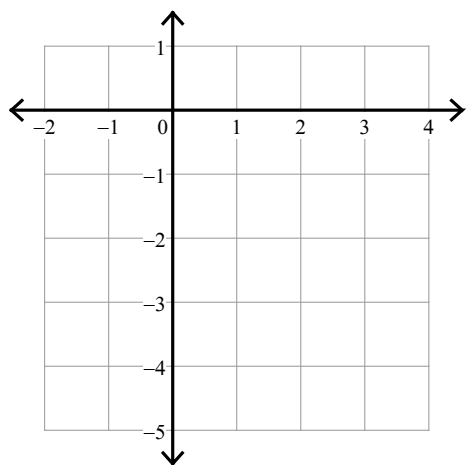
5)  $y = -x^2 + 4x - 2$



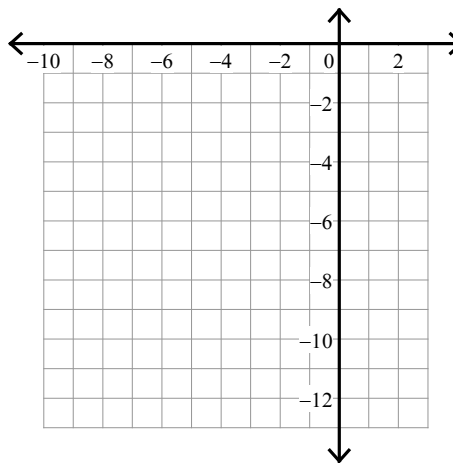
6)  $y = 2x^2 - 16x + 30$



7)  $y = -\frac{1}{2}x^2 + 2x - 3$



8)  $y = -2x^2 - 16x - 36$



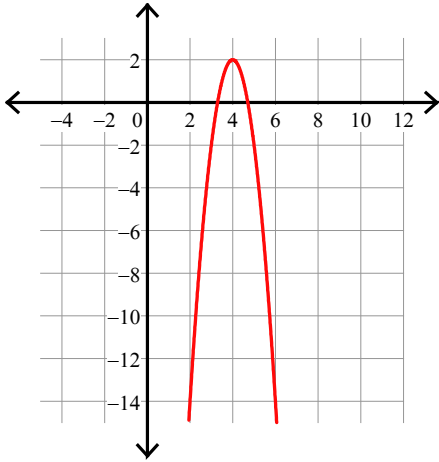
## Assignment

Name \_\_\_\_\_

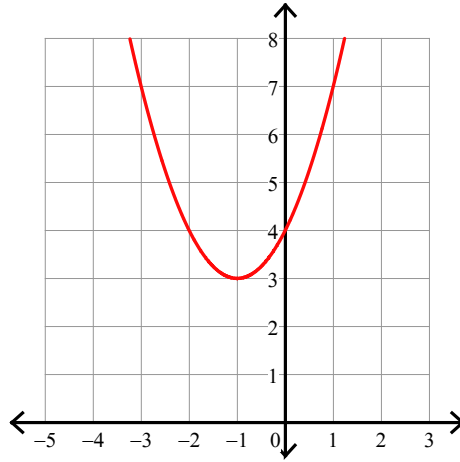
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

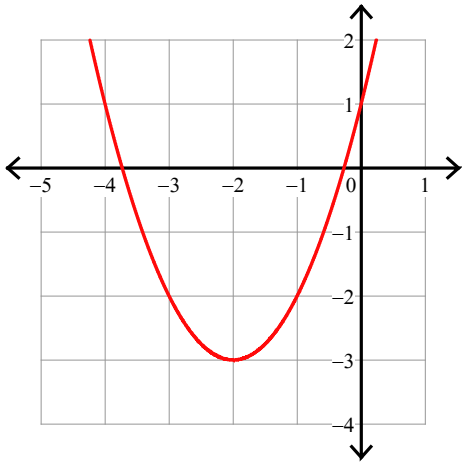
1)  $y = -4x^2 + 32x - 62$



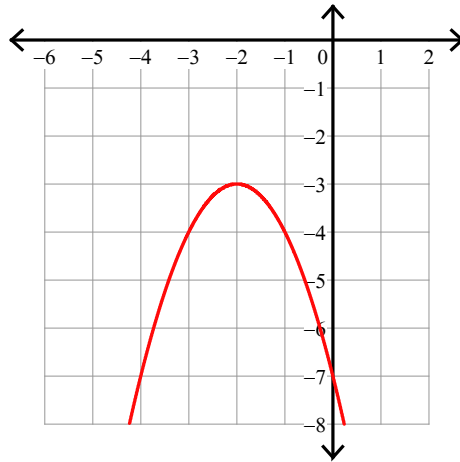
2)  $y = x^2 + 2x + 4$



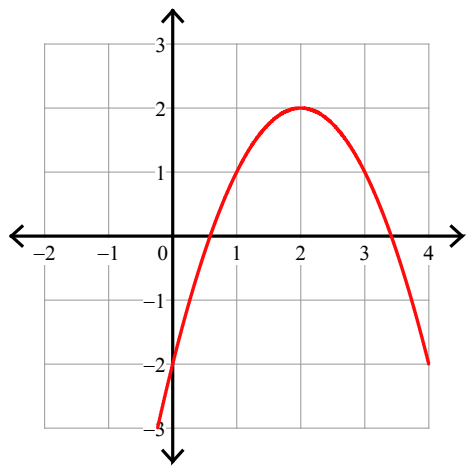
3)  $y = x^2 + 4x + 1$



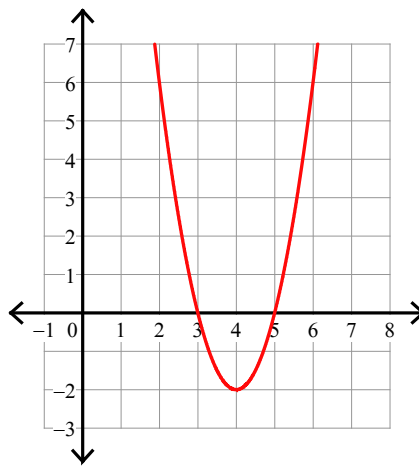
4)  $y = -x^2 - 4x - 7$



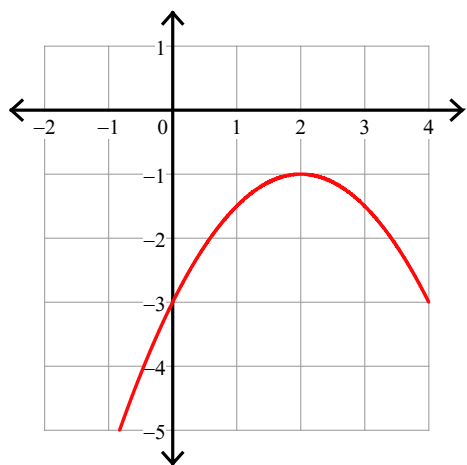
$$5) y = -x^2 + 4x - 2$$



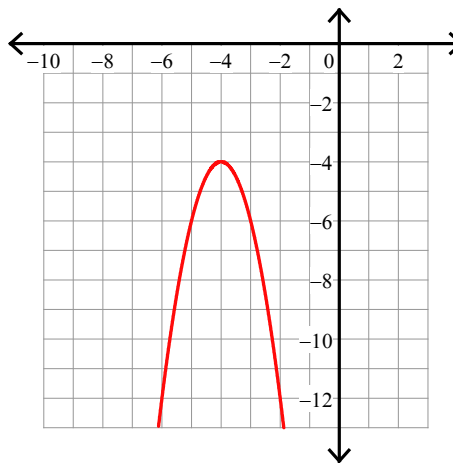
$$6) y = 2x^2 - 16x + 30$$



$$7) y = -\frac{1}{2}x^2 + 2x - 3$$



$$8) y = -2x^2 - 16x - 36$$



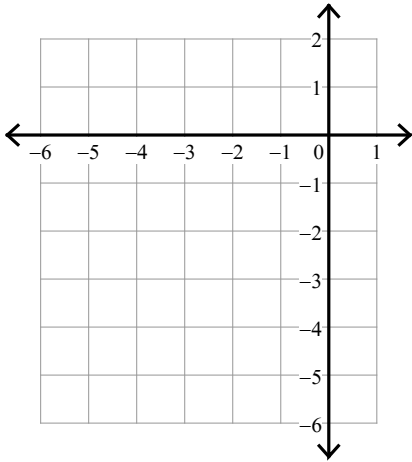
## Assignment

Name \_\_\_\_\_

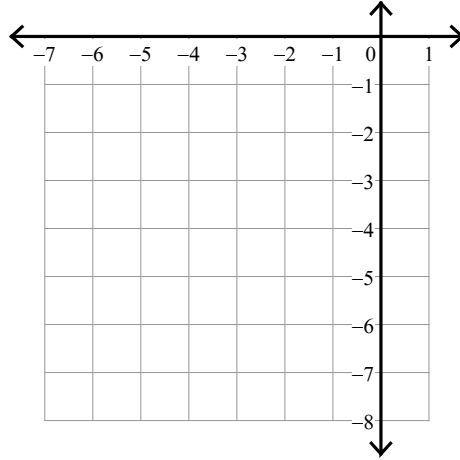
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

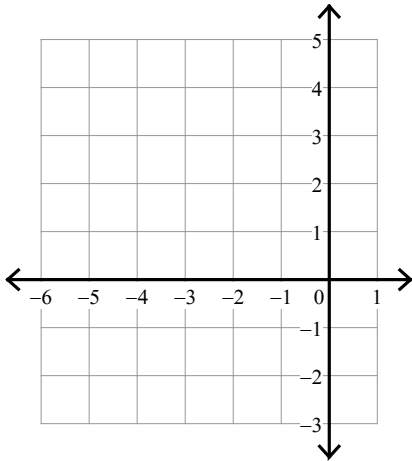
1)  $y = -\frac{1}{2}x^2 - 4x - 9$



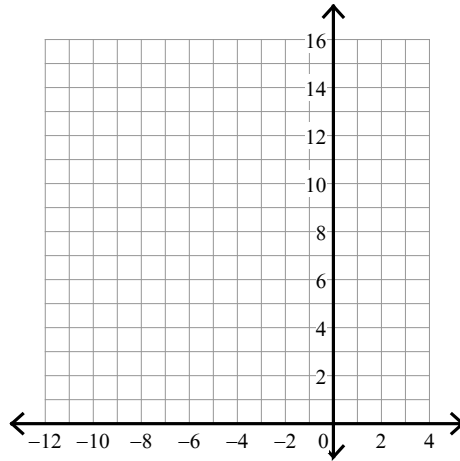
2)  $y = -x^2 - 6x - 12$



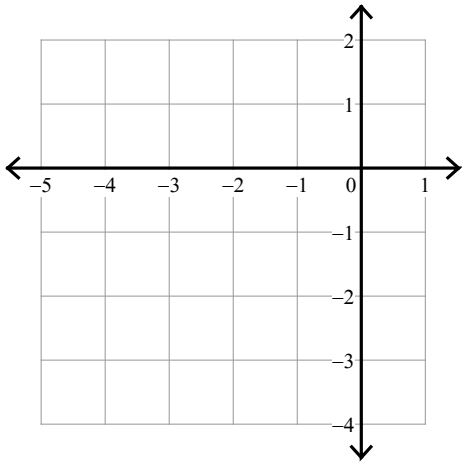
3)  $y = x^2 + 8x + 15$



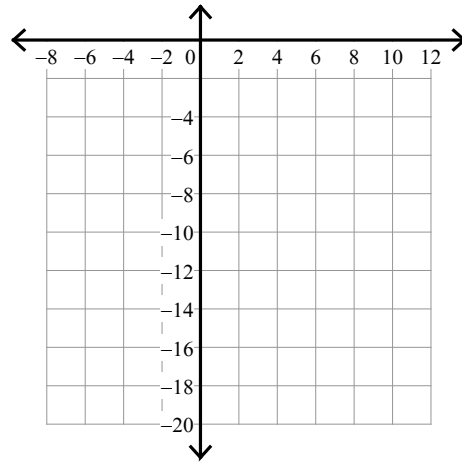
4)  $y = 3x^2 + 18x + 30$



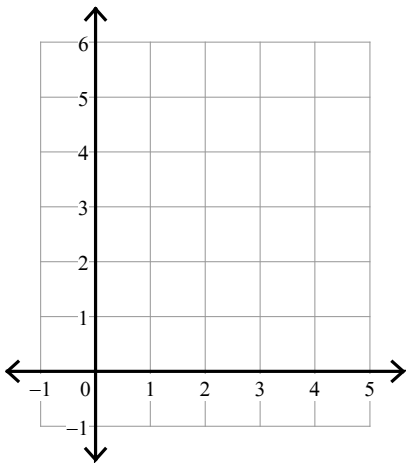
5)  $y = x^2 + 2x - 2$



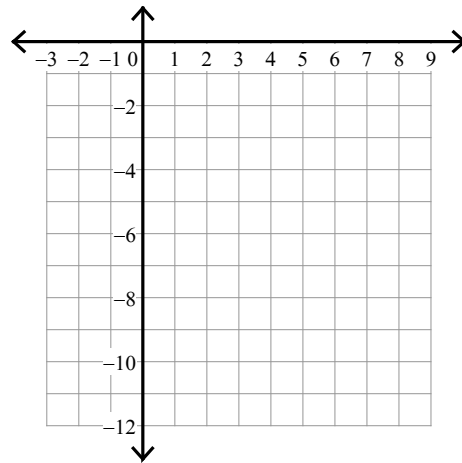
6)  $y = -4x^2 + 16x - 19$



7)  $y = -\frac{1}{2}x^2 + 2x + 2$



8)  $y = -2x^2 + 12x - 21$

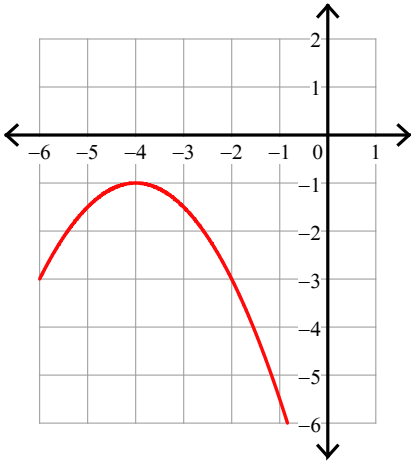


## Assignment

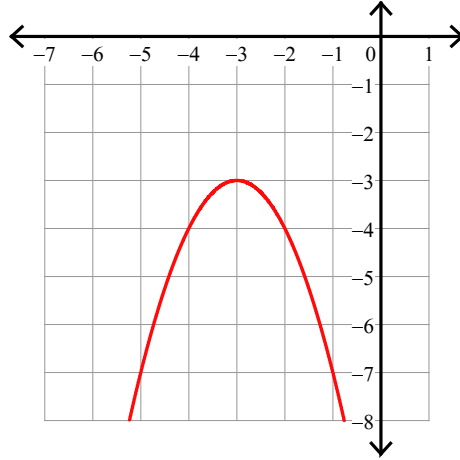
Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

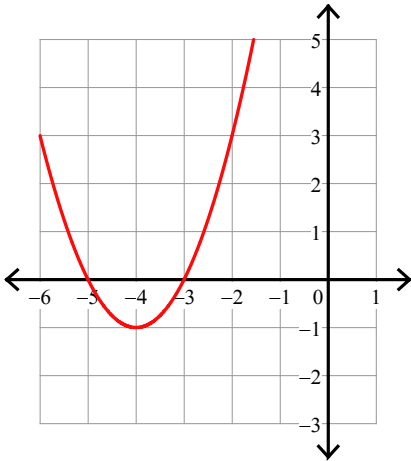
1)  $y = -\frac{1}{2}x^2 - 4x - 9$



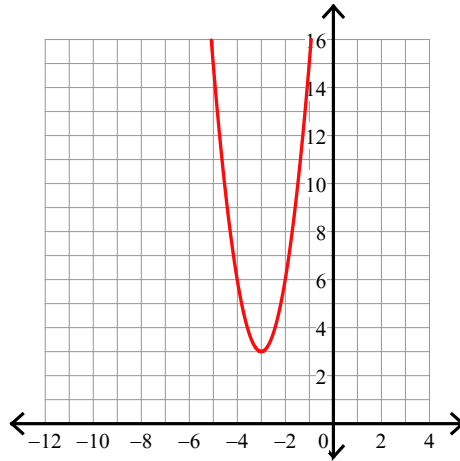
2)  $y = -x^2 - 6x - 12$



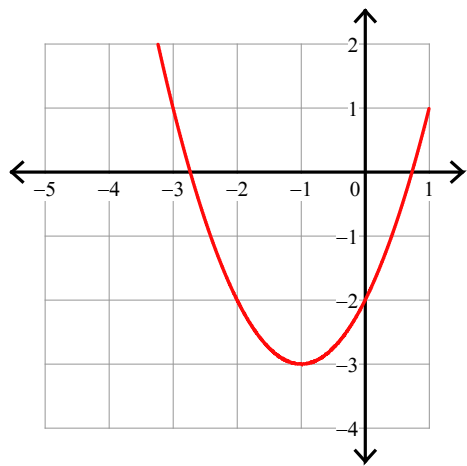
3)  $y = x^2 + 8x + 15$



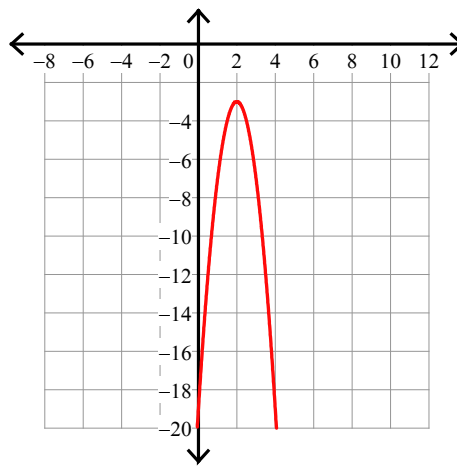
4)  $y = 3x^2 + 18x + 30$



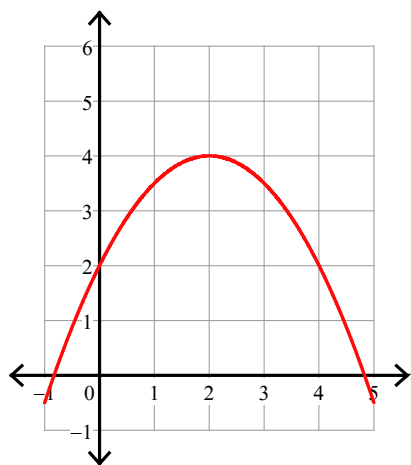
5)  $y = x^2 + 2x - 2$



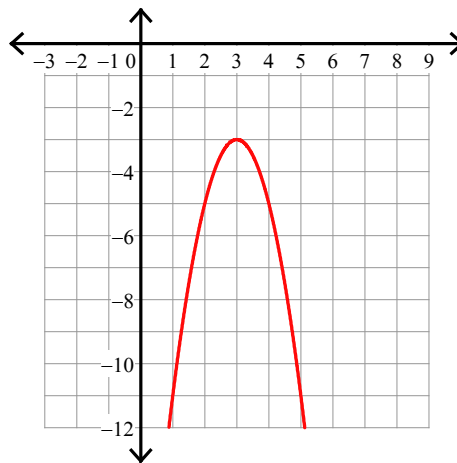
6)  $y = -4x^2 + 16x - 19$



7)  $y = -\frac{1}{2}x^2 + 2x + 2$



8)  $y = -2x^2 + 12x - 21$

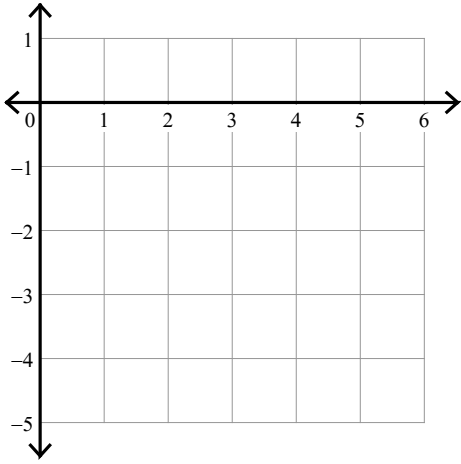




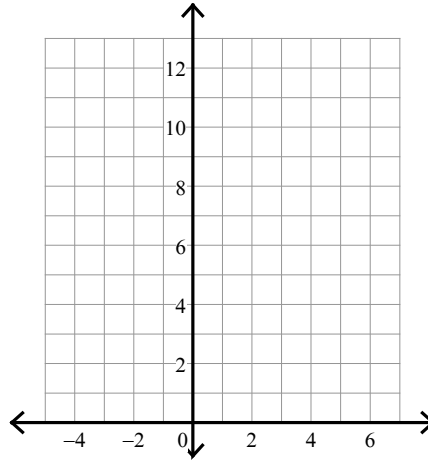
## Assignment

**Sketch the graph of each function.**

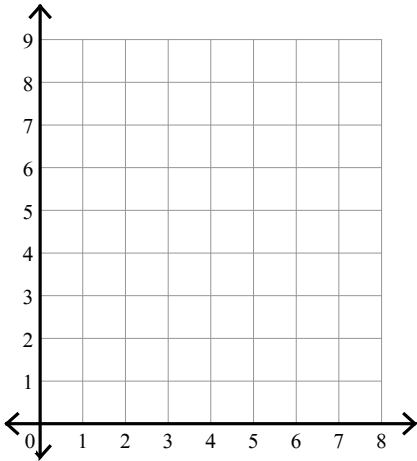
1)  $y = x^2 - 6x + 5$



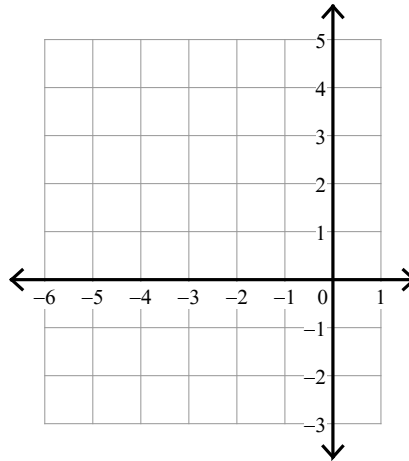
2)  $y = 2x^2 + 4x + 6$



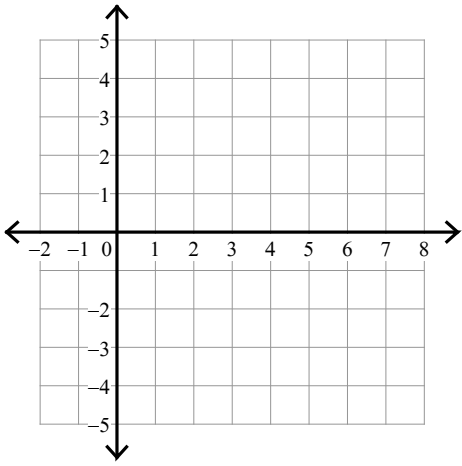
3)  $y = x^2 - 6x + 13$



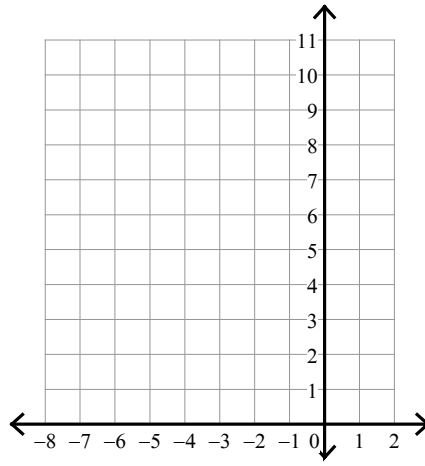
4)  $y = -x^2 - 8x - 13$



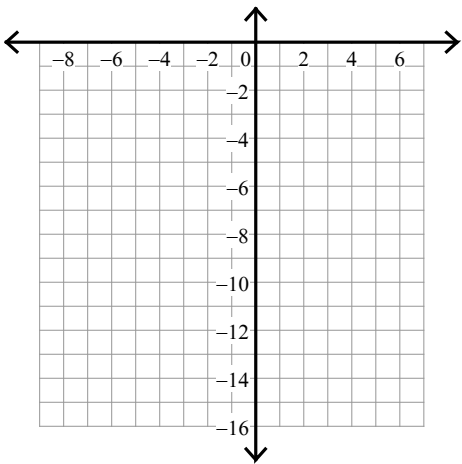
5)  $y = 2x^2 - 12x + 14$



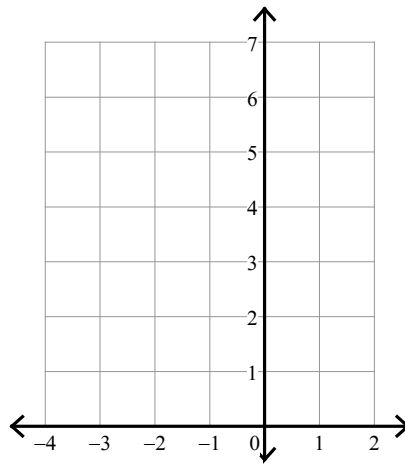
6)  $y = 2x^2 + 8x + 10$



7)  $y = -3x^2 - 6x - 6$



8)  $y = x^2 + 2x + 3$



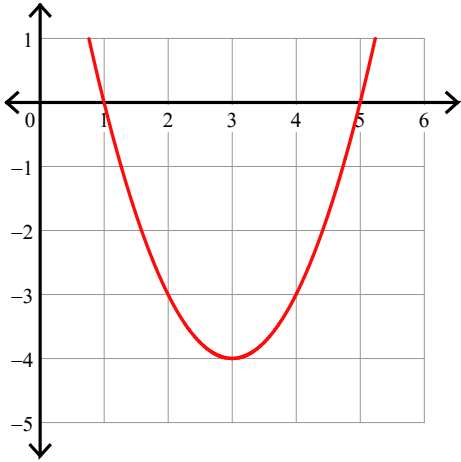
## Assignment

Name \_\_\_\_\_

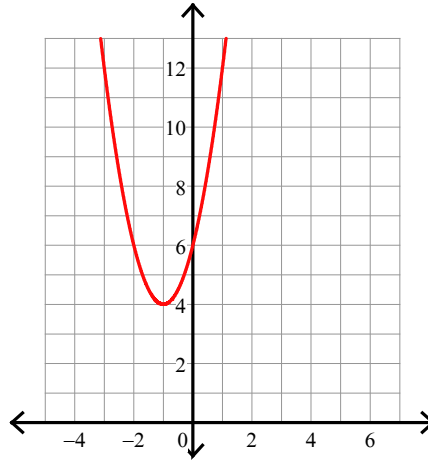
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

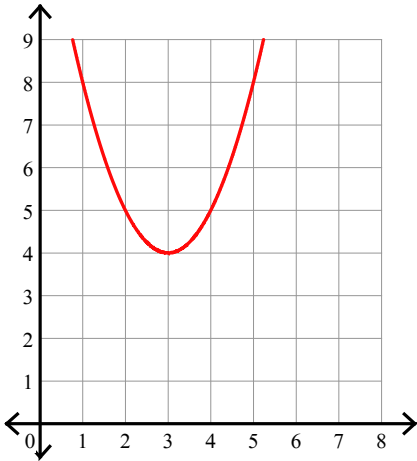
1)  $y = x^2 - 6x + 5$



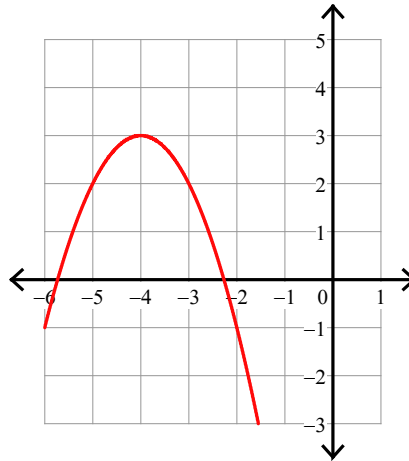
2)  $y = 2x^2 + 4x + 6$



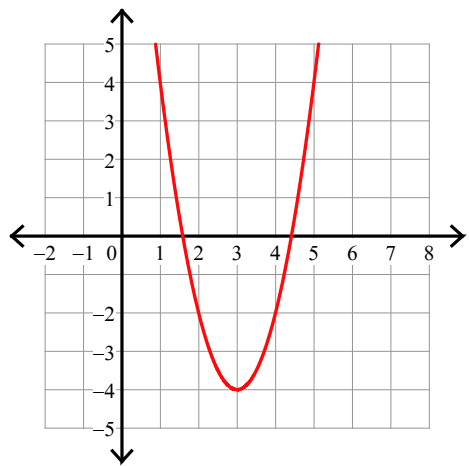
3)  $y = x^2 - 6x + 13$



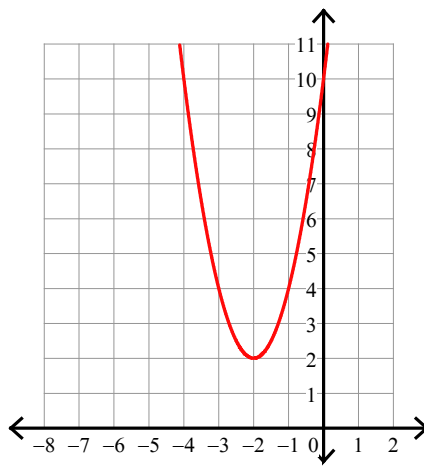
4)  $y = -x^2 - 8x - 13$



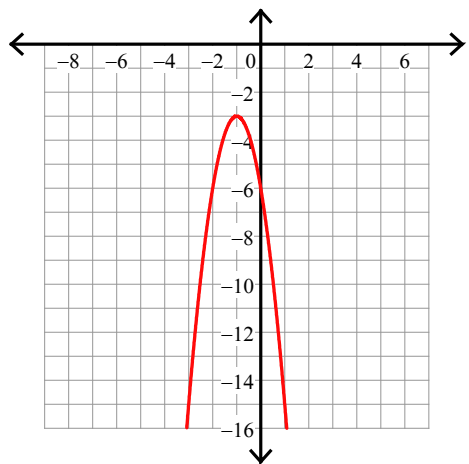
5)  $y = 2x^2 - 12x + 14$



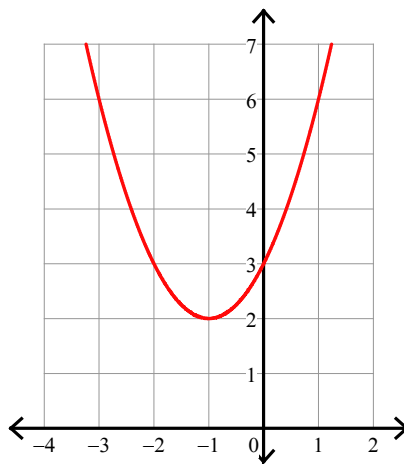
6)  $y = 2x^2 + 8x + 10$



7)  $y = -3x^2 - 6x - 6$



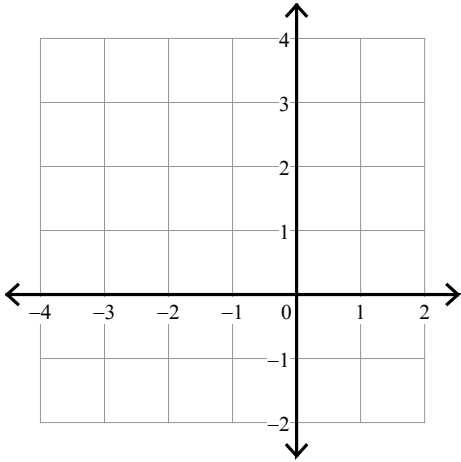
8)  $y = x^2 + 2x + 3$



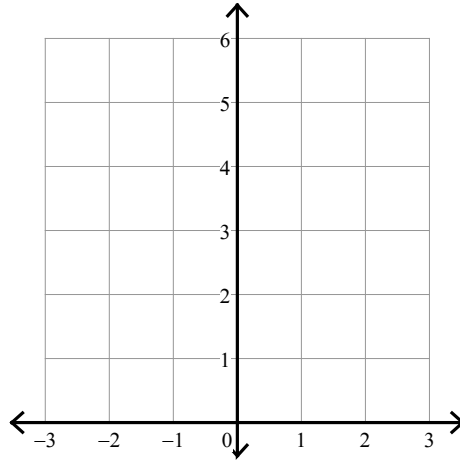
## Assignment

**Sketch the graph of each function.**

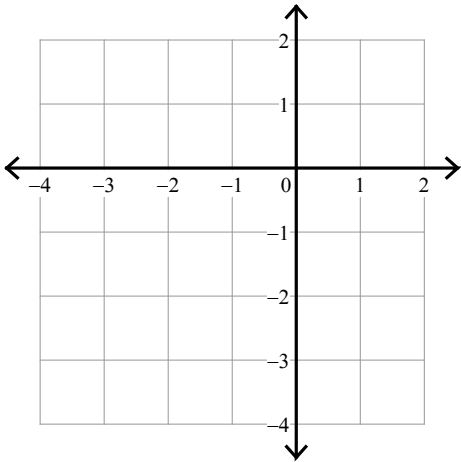
1)  $y = x^2 + 2x$



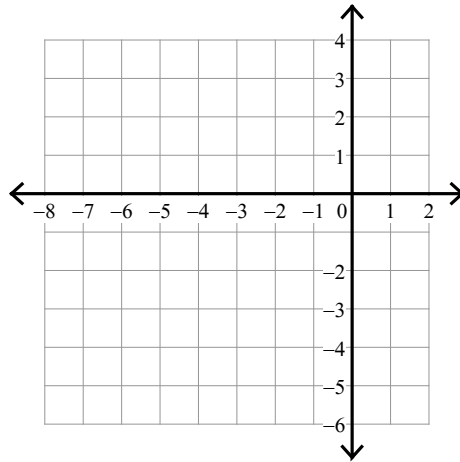
2)  $y = x^2 - 2x + 2$



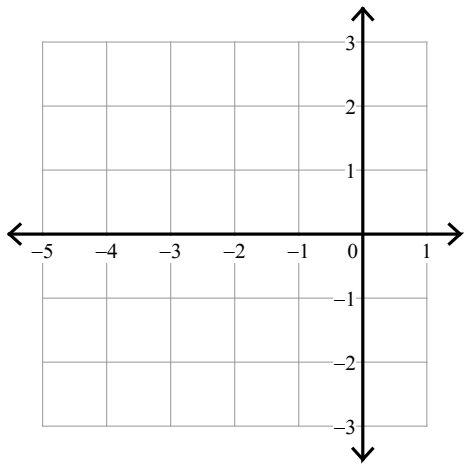
3)  $y = -x^2 - 2x$



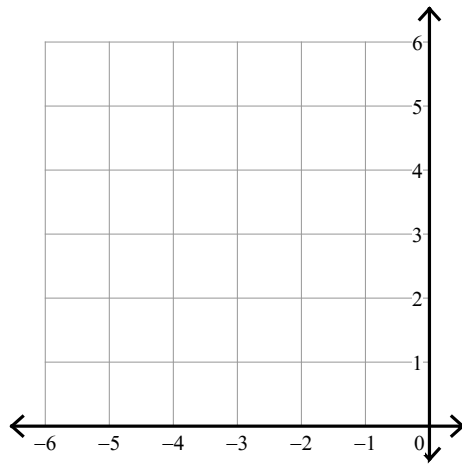
4)  $y = -2x^2 - 12x - 15$



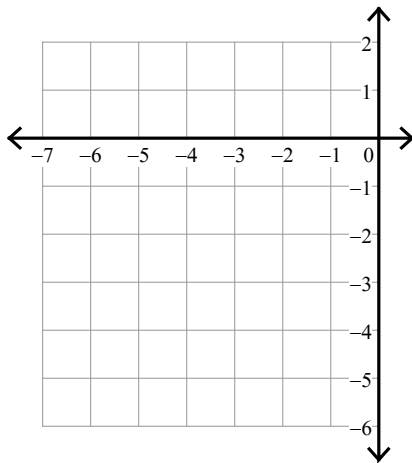
5)  $y = -x^2 - 6x - 7$



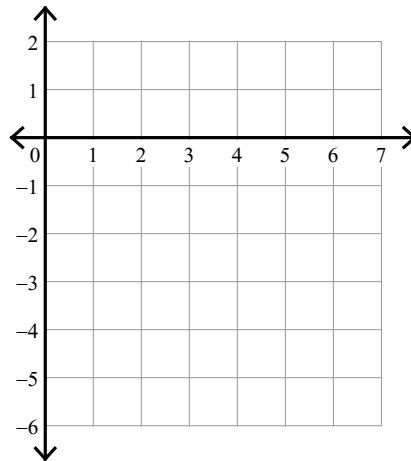
6)  $y = x^2 + 6x + 10$



7)  $y = -\frac{1}{2}x^2 - 4x - 9$



8)  $y = x^2 - 8x + 12$



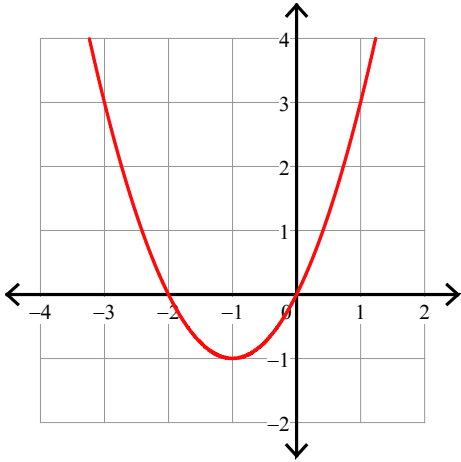
## Assignment

Name \_\_\_\_\_

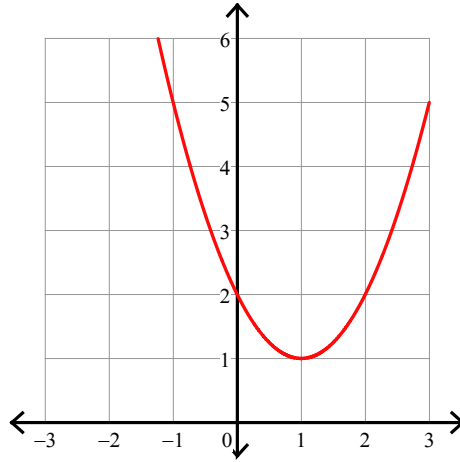
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

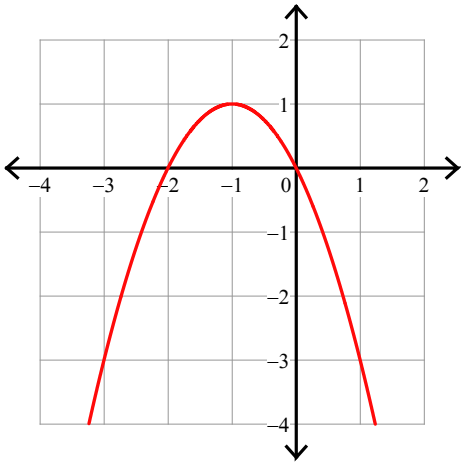
1)  $y = x^2 + 2x$



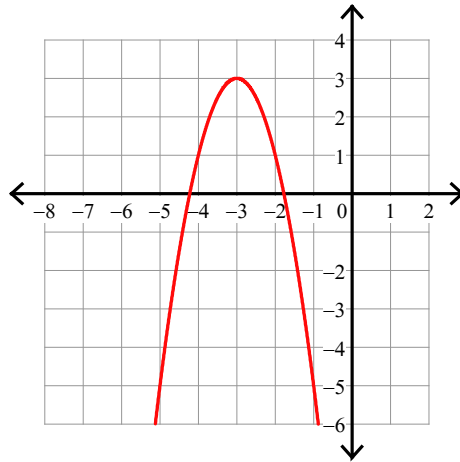
2)  $y = x^2 - 2x + 2$



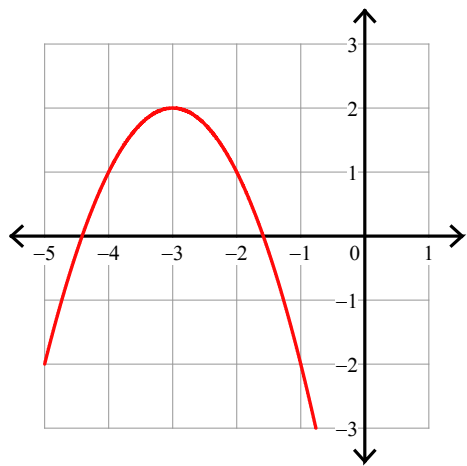
3)  $y = -x^2 - 2x$



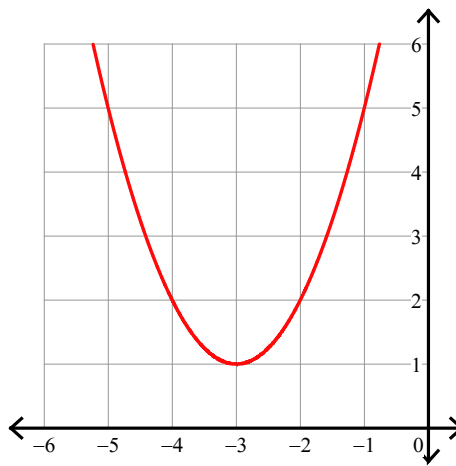
4)  $y = -2x^2 - 12x - 15$



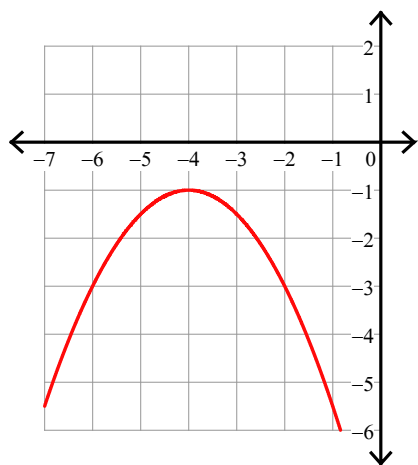
5)  $y = -x^2 - 6x - 7$



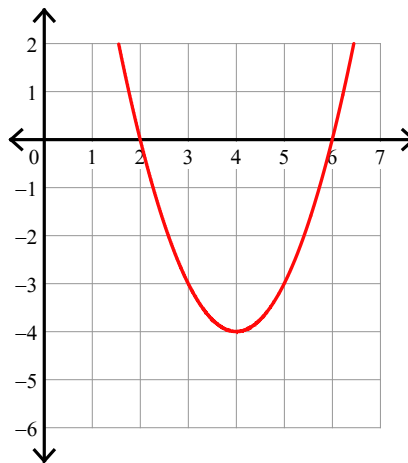
6)  $y = x^2 + 6x + 10$



7)  $y = -\frac{1}{2}x^2 - 4x - 9$



8)  $y = x^2 - 8x + 12$





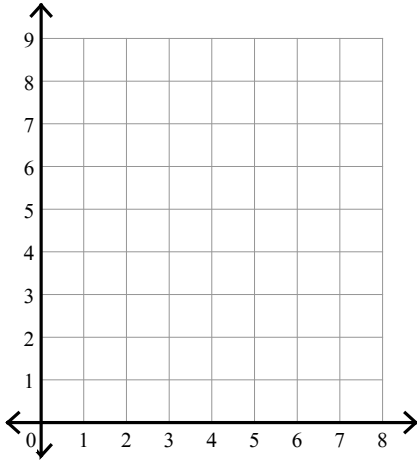
## Assignment

Name \_\_\_\_\_

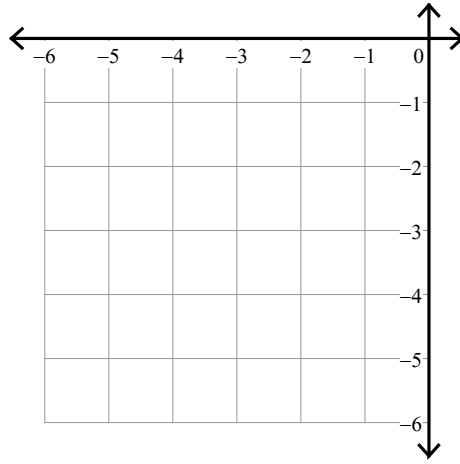
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

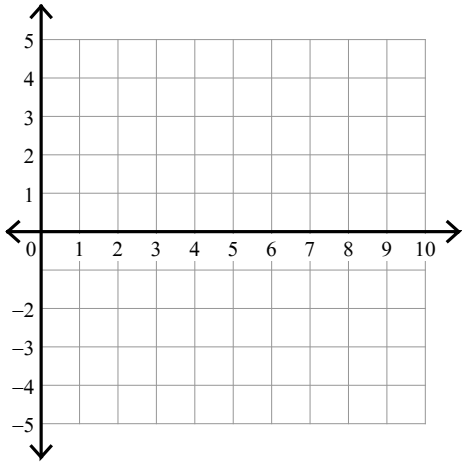
1)  $y = x^2 - 4x + 8$



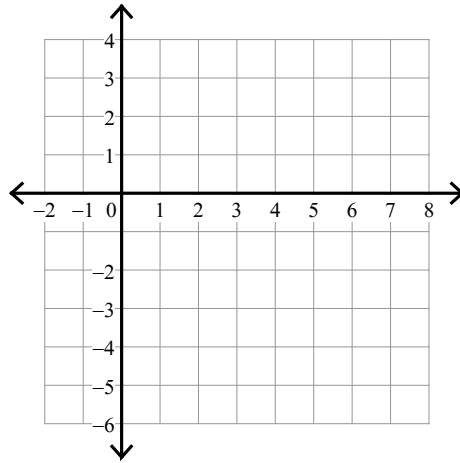
2)  $y = -x^2 - 4x - 5$



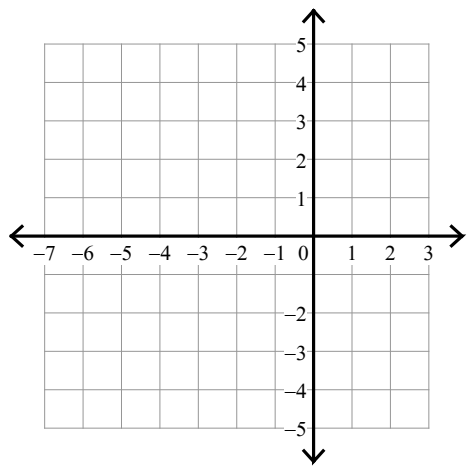
3)  $y = 2x^2 - 12x + 14$



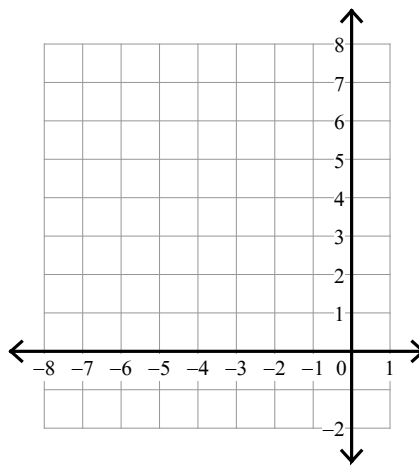
4)  $y = -2x^2 + 8x - 5$



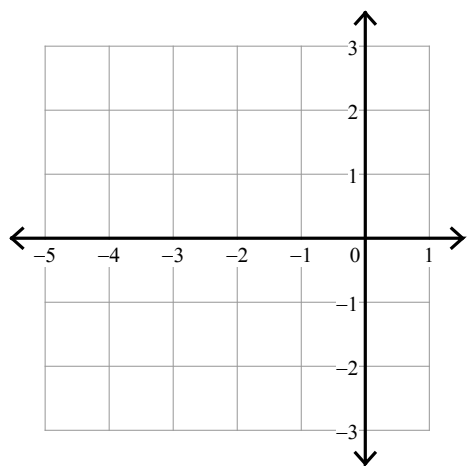
5)  $y = -2x^2 - 8x - 4$



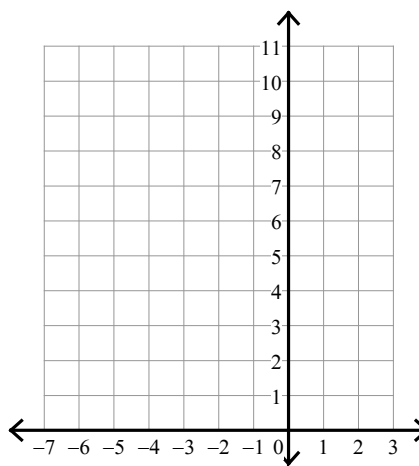
6)  $y = 2x^2 + 16x + 31$



7)  $y = x^2 + 2x - 1$



8)  $y = 2x^2 + 8x + 10$

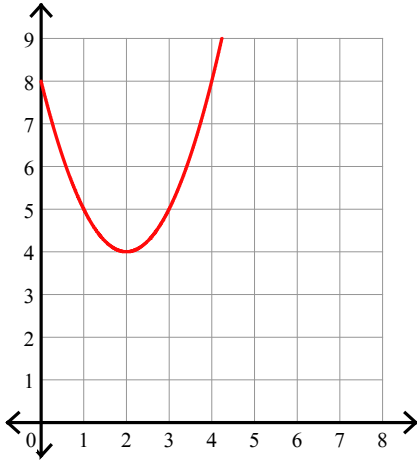


## Assignment

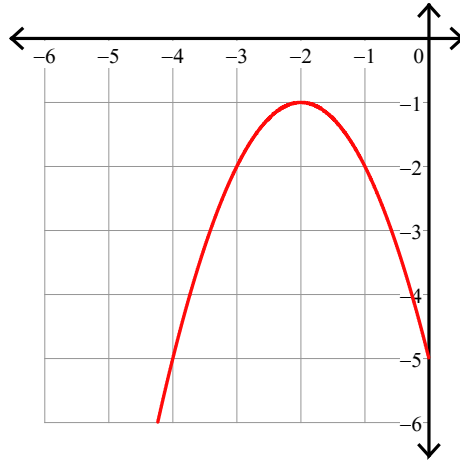
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

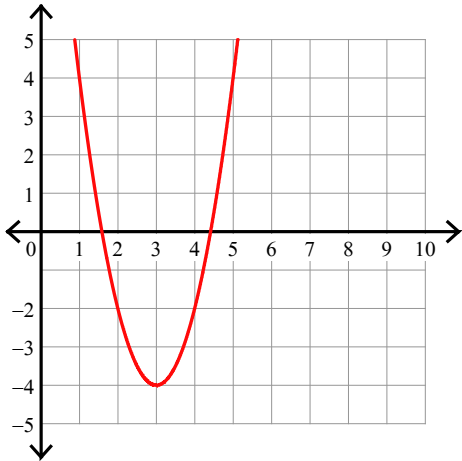
1)  $y = x^2 - 4x + 8$



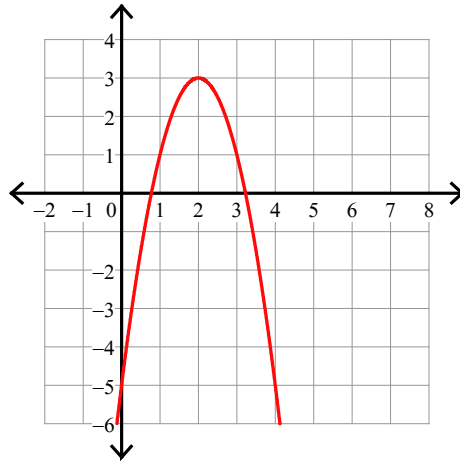
2)  $y = -x^2 - 4x - 5$



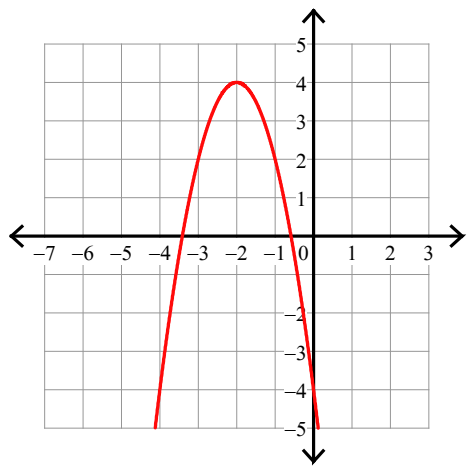
3)  $y = 2x^2 - 12x + 14$



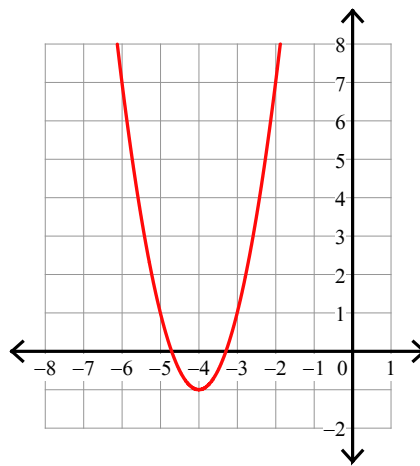
4)  $y = -2x^2 + 8x - 5$



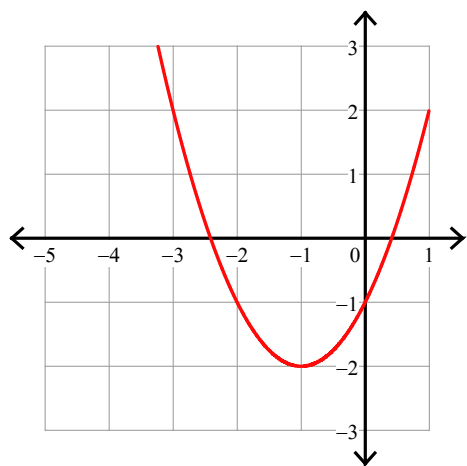
5)  $y = -2x^2 - 8x - 4$



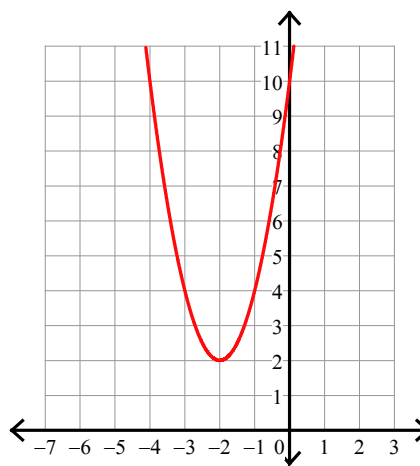
6)  $y = 2x^2 + 16x + 31$



7)  $y = x^2 + 2x - 1$



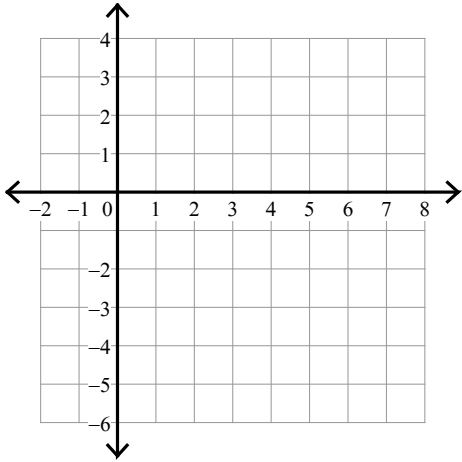
8)  $y = 2x^2 + 8x + 10$



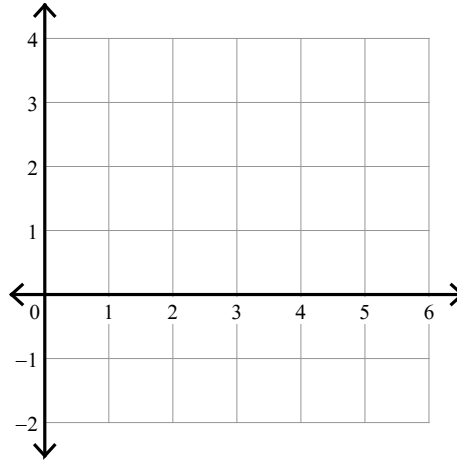
Assignment

Sketch the graph of each function.

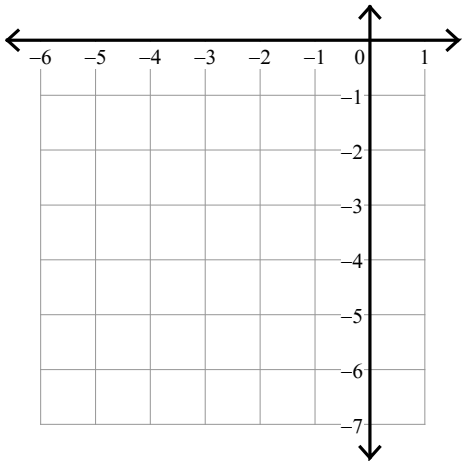
1)  $y = -2x^2 + 12x - 15$



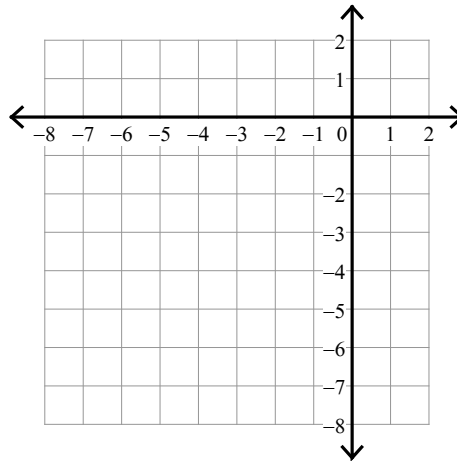
2)  $y = -x^2 + 6x - 6$



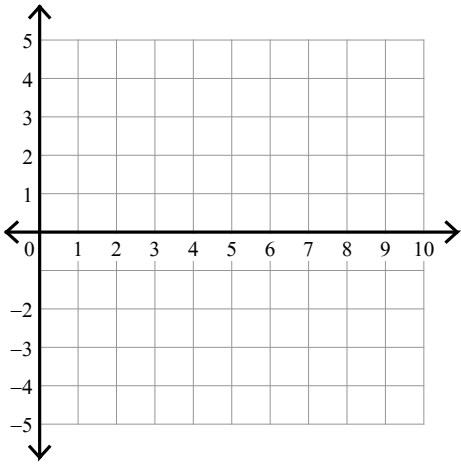
3)  $y = -x^2 - 8x - 18$



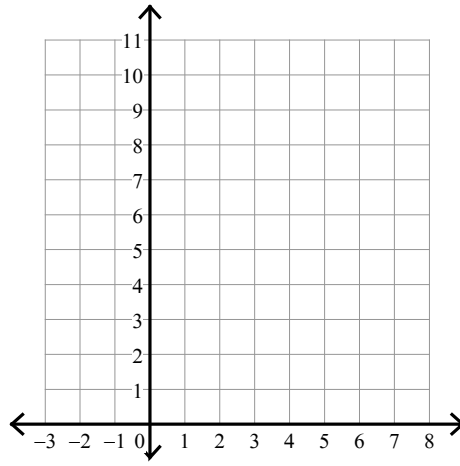
4)  $y = -2x^2 - 8x - 7$



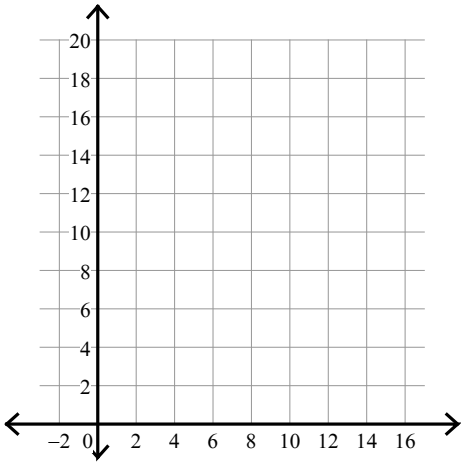
5)  $y = -2x^2 + 12x - 14$



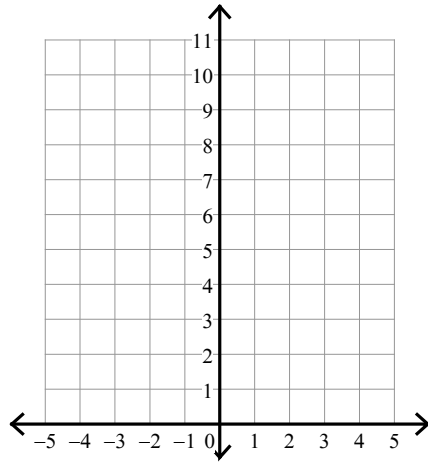
6)  $y = 2x^2 - 16x + 34$



7)  $y = 4x^2 - 8x + 7$



8)  $y = 2x^2 - 4x + 4$



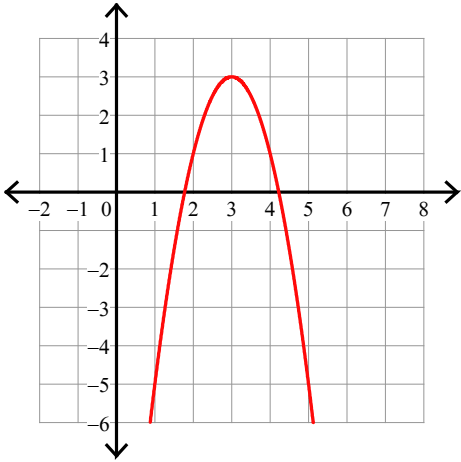
## Assignment

Name \_\_\_\_\_

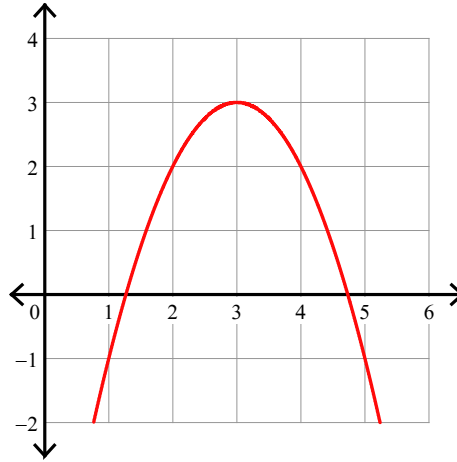
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

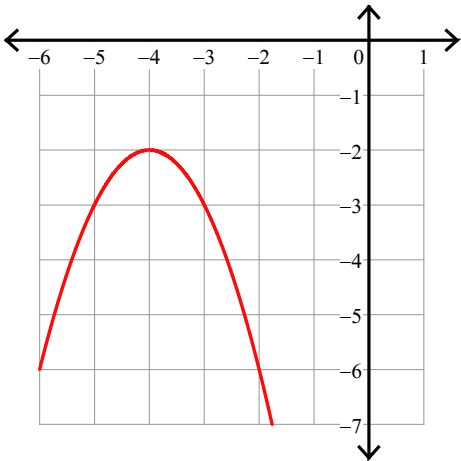
1)  $y = -2x^2 + 12x - 15$



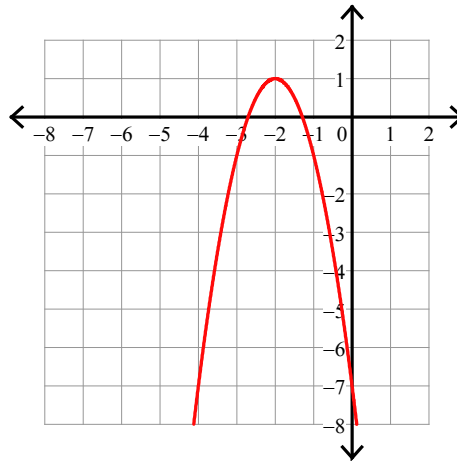
2)  $y = -x^2 + 6x - 6$



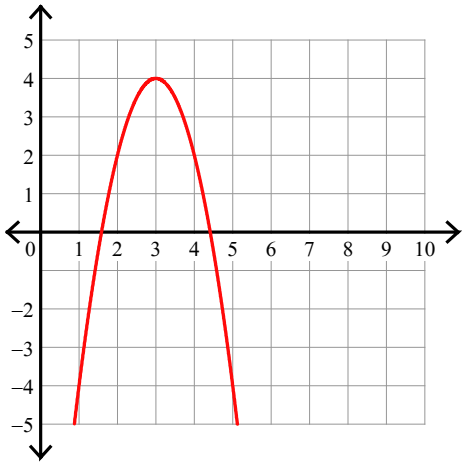
3)  $y = -x^2 - 8x - 18$



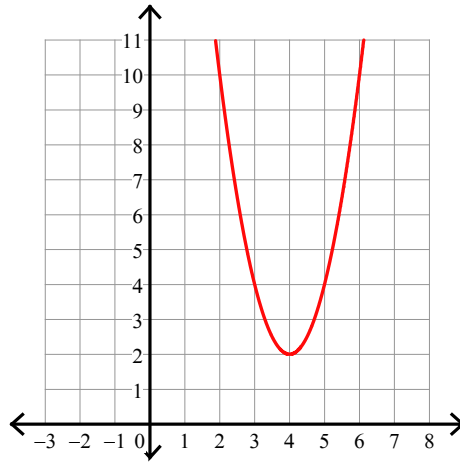
4)  $y = -2x^2 - 8x - 7$



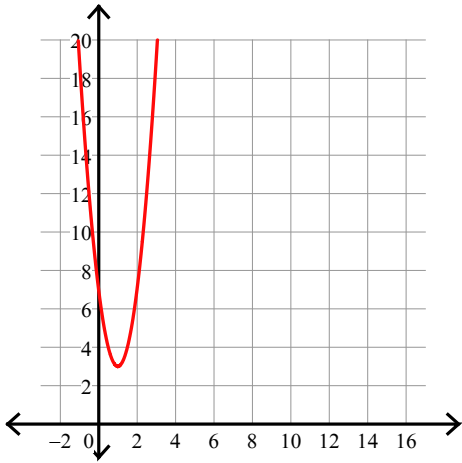
5)  $y = -2x^2 + 12x - 14$



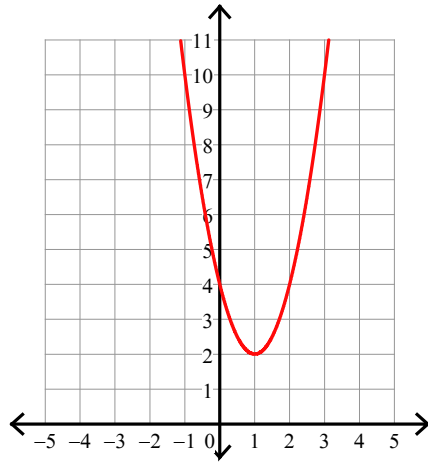
6)  $y = 2x^2 - 16x + 34$



7)  $y = 4x^2 - 8x + 7$



8)  $y = 2x^2 - 4x + 4$





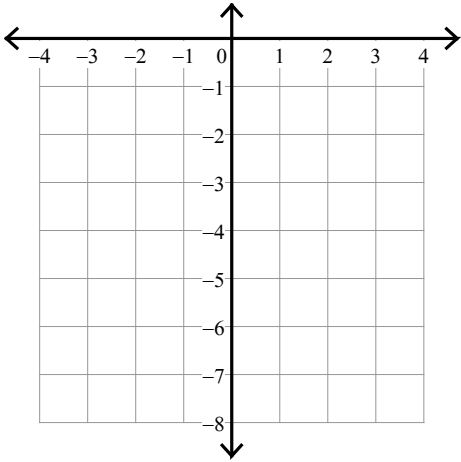
## Assignment

Name \_\_\_\_\_

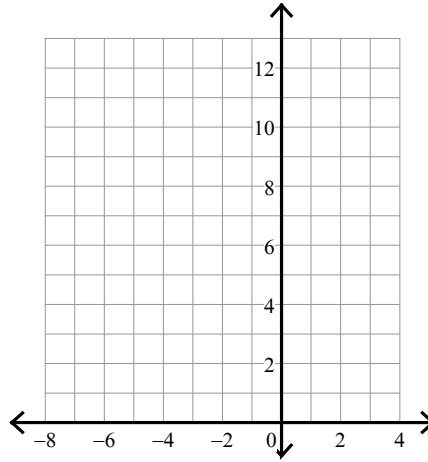
Date \_\_\_\_\_ Period \_\_\_\_\_

**Sketch the graph of each function.**

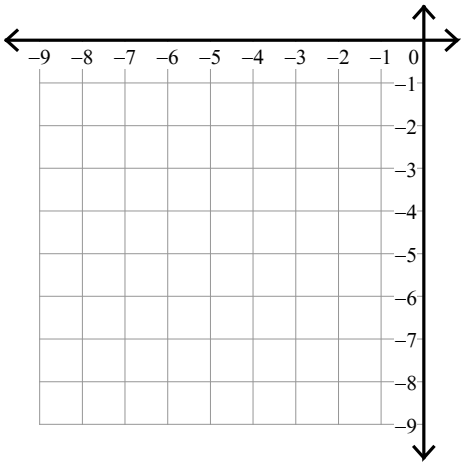
1)  $y = -x^2 + 4x - 7$



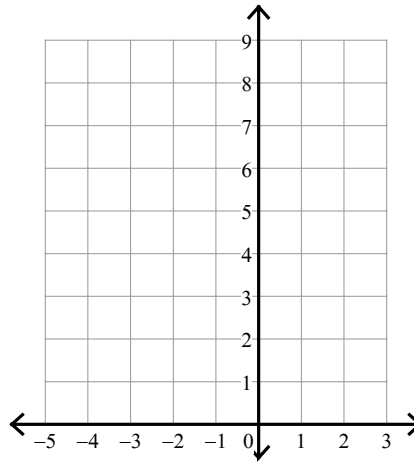
2)  $y = 2x^2 + 8x + 12$



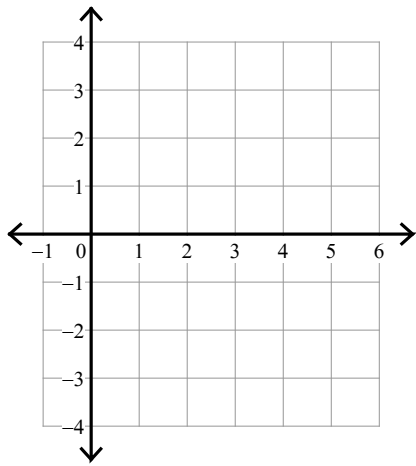
3)  $y = -x^2 - 8x - 20$



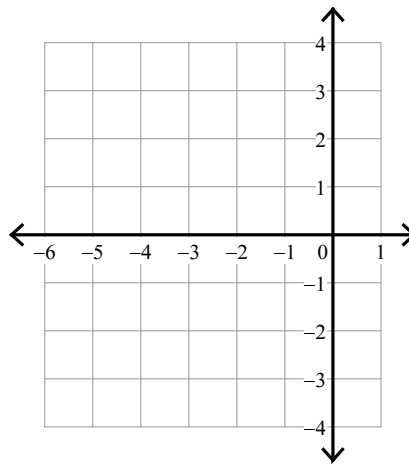
4)  $y = x^2 + 6x + 13$



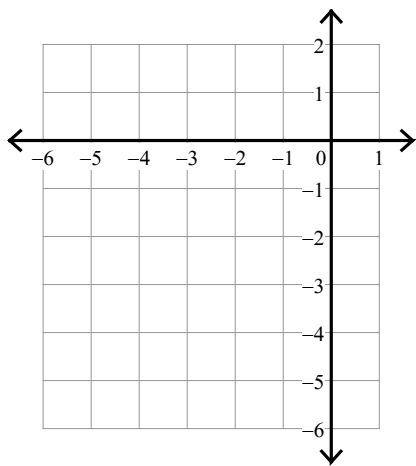
5)  $y = x^2 - 8x + 14$



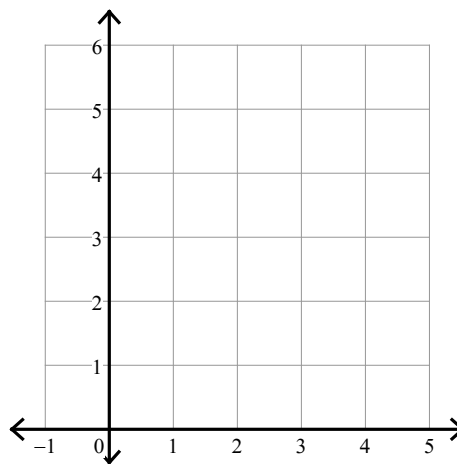
6)  $y = -\frac{1}{2}x^2 - 4x - 7$



7)  $y = x^2 + 8x + 12$



8)  $y = \frac{1}{2}x^2 - 2x + 5$



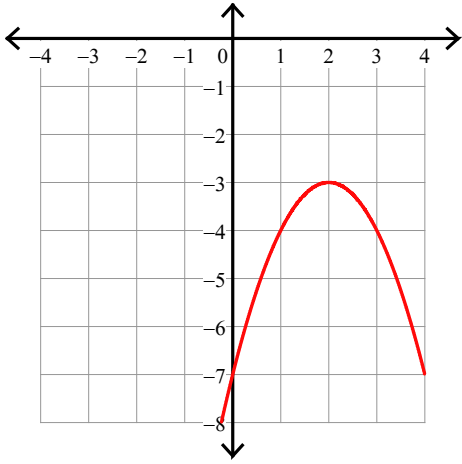
## Assignment

Name \_\_\_\_\_

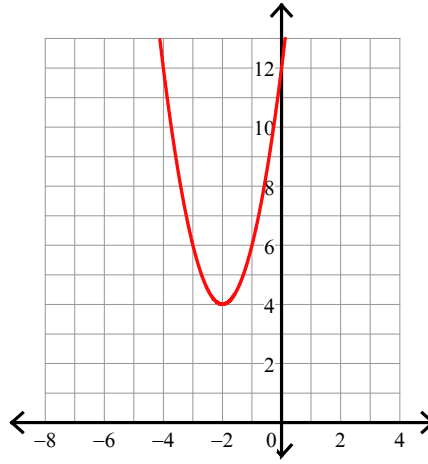
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

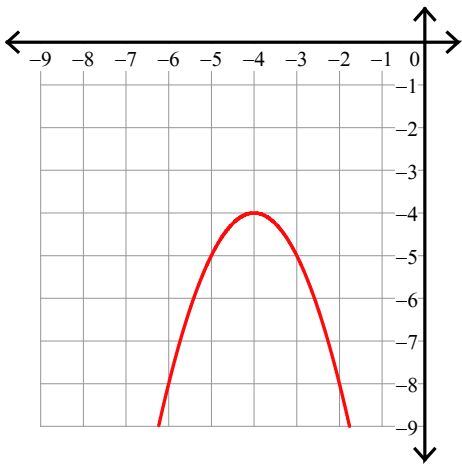
1)  $y = -x^2 + 4x - 7$



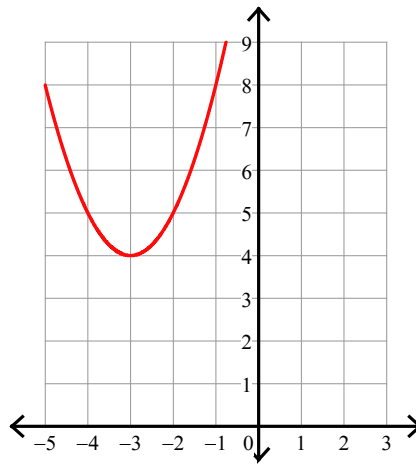
2)  $y = 2x^2 + 8x + 12$



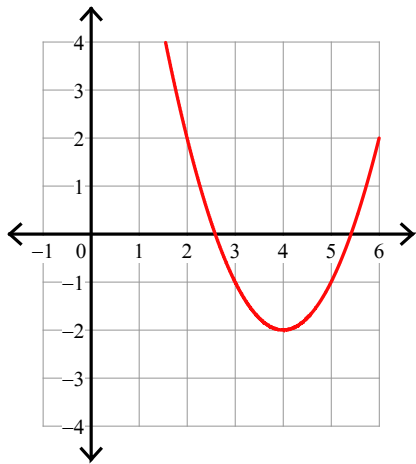
3)  $y = -x^2 - 8x - 20$



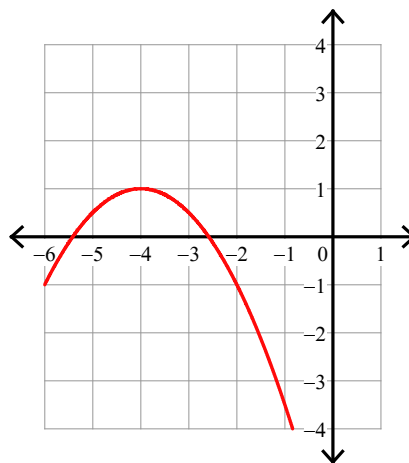
4)  $y = x^2 + 6x + 13$



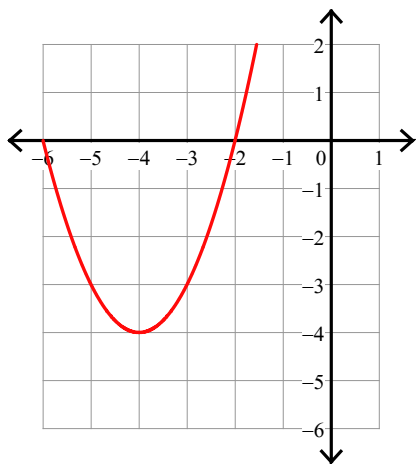
5)  $y = x^2 - 8x + 14$



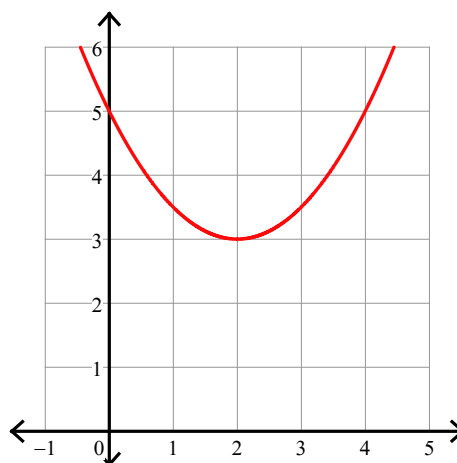
6)  $y = -\frac{1}{2}x^2 - 4x - 7$



7)  $y = x^2 + 8x + 12$



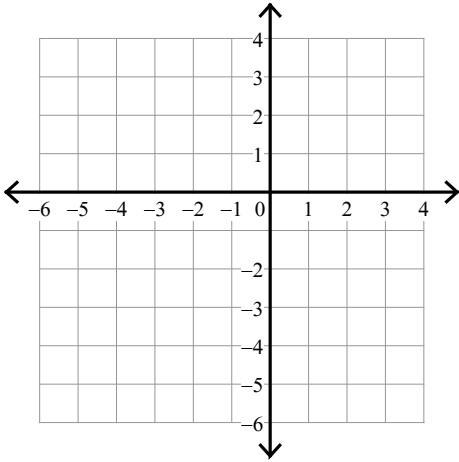
8)  $y = \frac{1}{2}x^2 - 2x + 5$



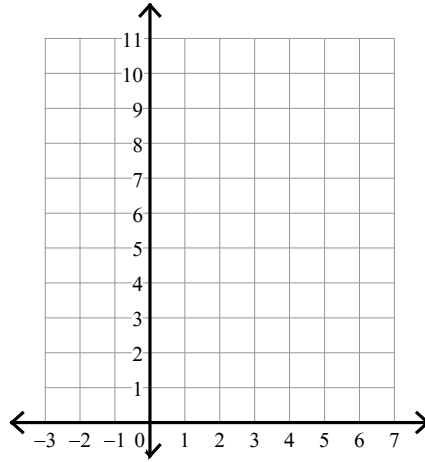
## Assignment

Sketch the graph of each function.

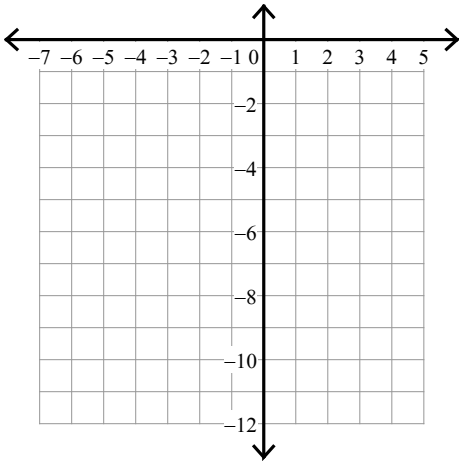
1)  $y = -2x^2 - 12x - 15$



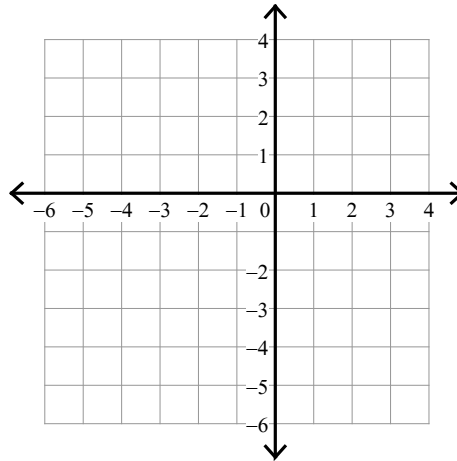
2)  $y = 2x^2 - 12x + 20$



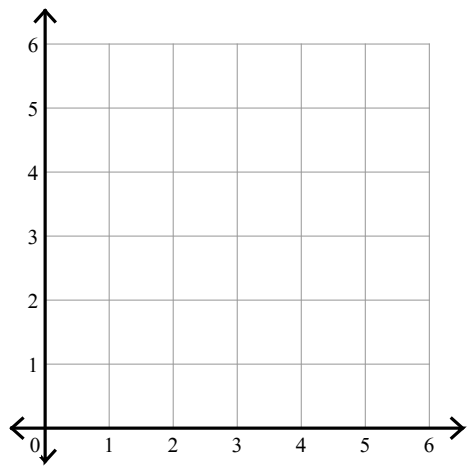
3)  $y = -2x^2 + 8x - 11$



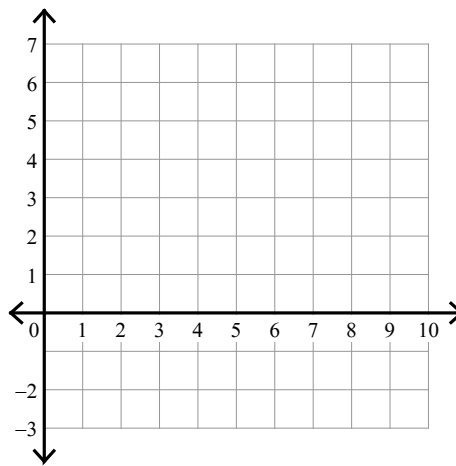
4)  $y = -2x^2 + 4x + 1$



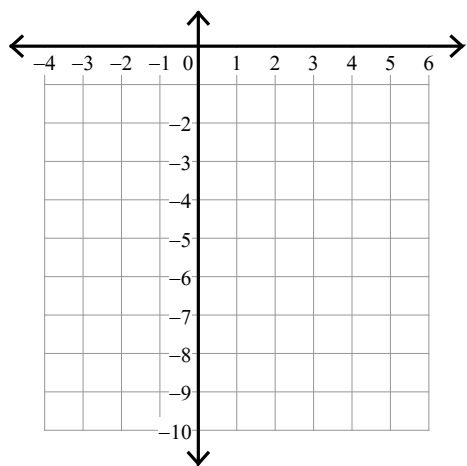
5)  $y = x^2 - 4x + 5$



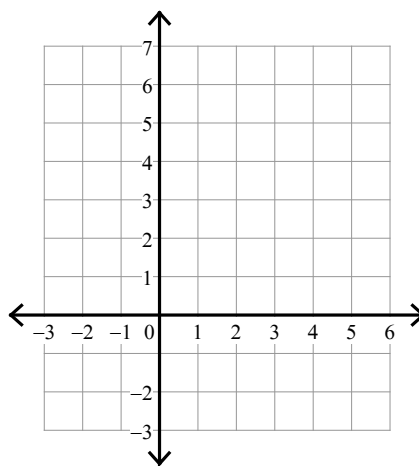
6)  $y = 2x^2 - 8x + 6$



7)  $y = -2x^2 - 8x - 9$



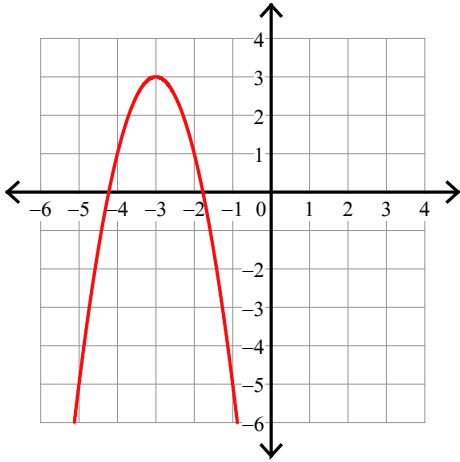
8)  $y = 2x^2 - 16x + 30$



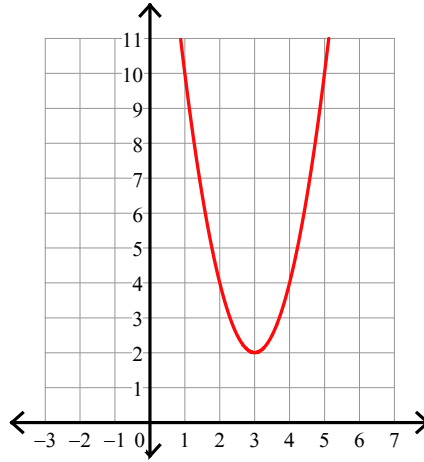
## Assignment

Sketch the graph of each function.

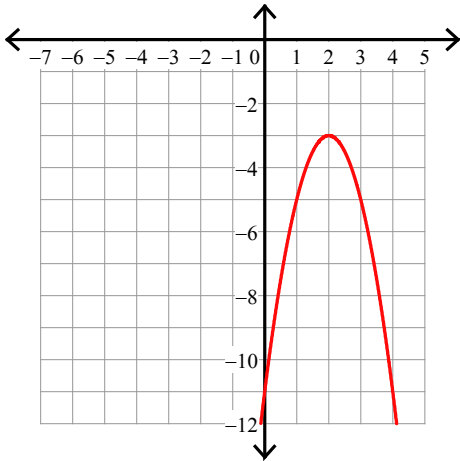
1)  $y = -2x^2 - 12x - 15$



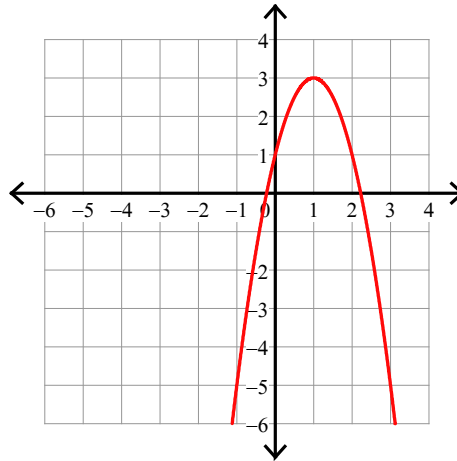
2)  $y = 2x^2 - 12x + 20$



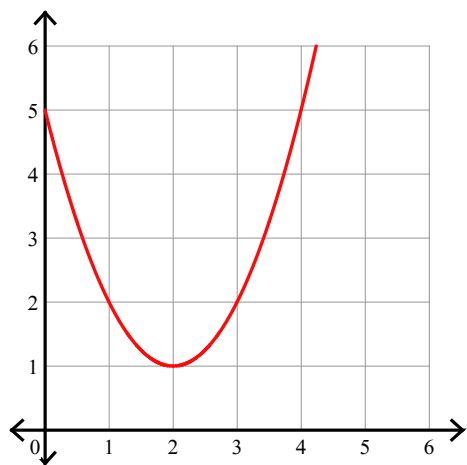
3)  $y = -2x^2 + 8x - 11$



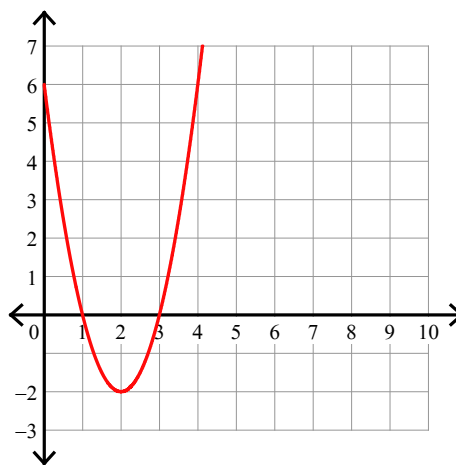
4)  $y = -2x^2 + 4x + 1$



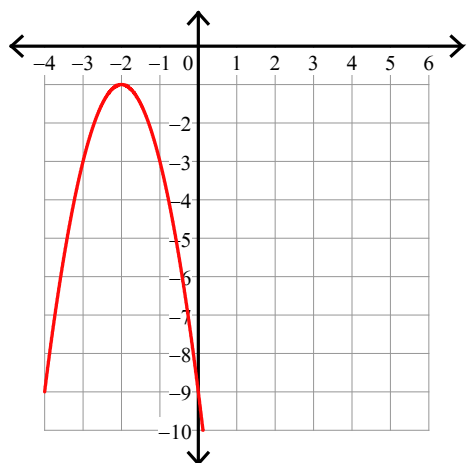
5)  $y = x^2 - 4x + 5$



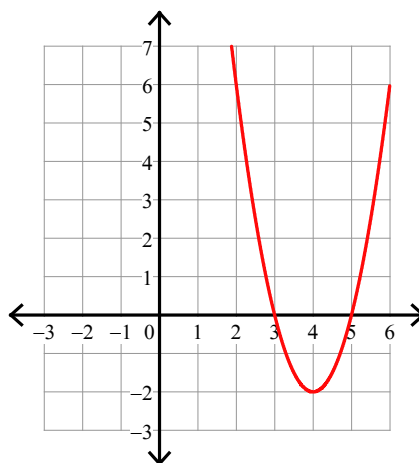
6)  $y = 2x^2 - 8x + 6$



7)  $y = -2x^2 - 8x - 9$



8)  $y = 2x^2 - 16x + 30$

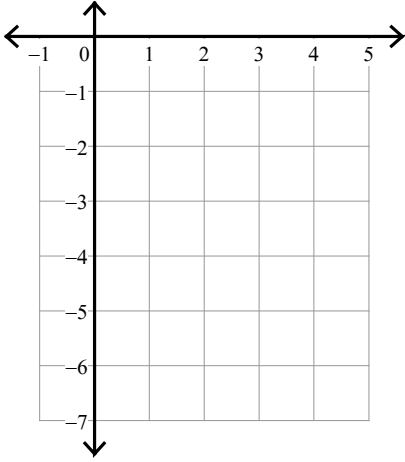




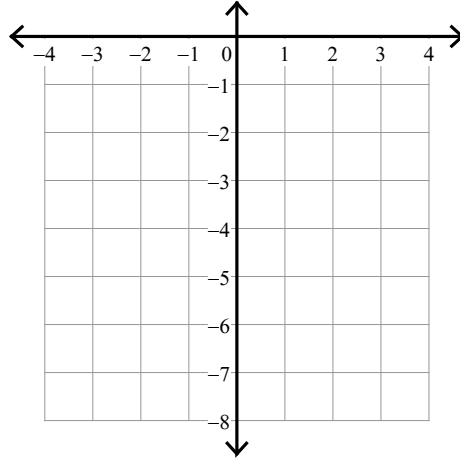
## Assignment

Sketch the graph of each function.

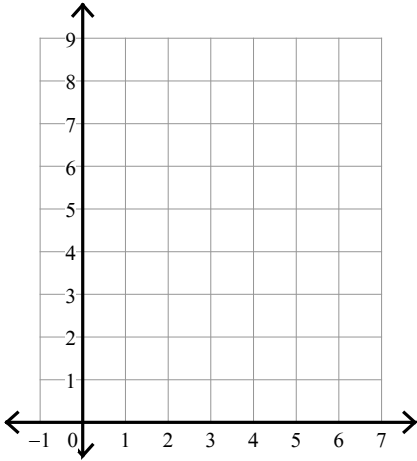
1)  $y = -x^2 + 4x - 6$



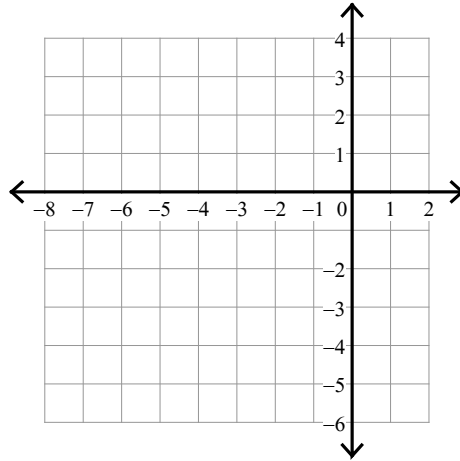
2)  $y = -x^2 - 4x - 7$



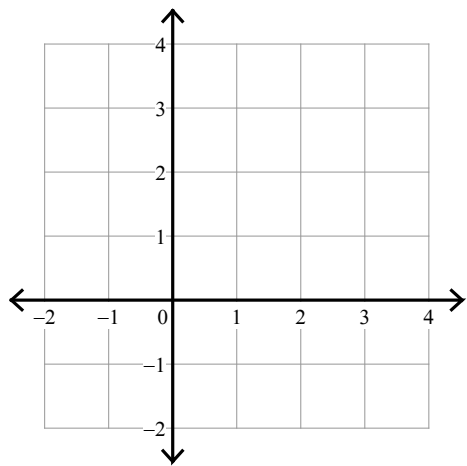
3)  $y = x^2 - 6x + 13$



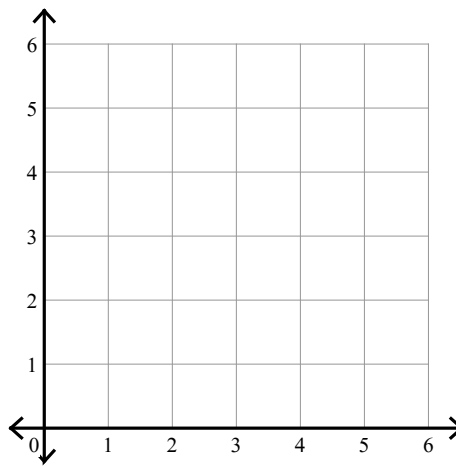
4)  $y = -2x^2 - 4x + 1$



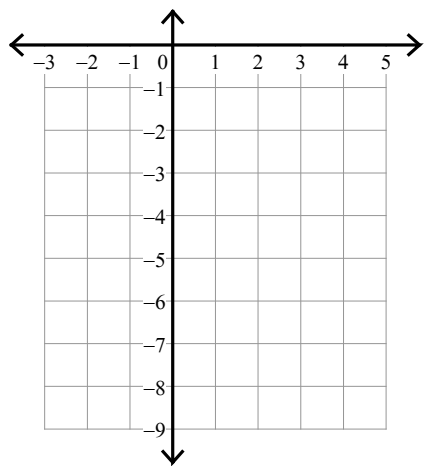
5)  $y = -x^2 + 2x + 2$



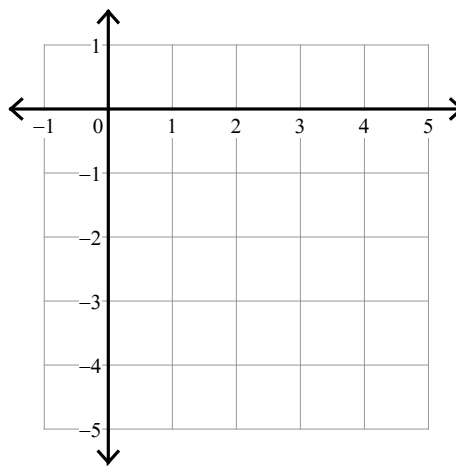
6)  $y = x^2 - 6x + 10$



7)  $y = -x^2 - 2x - 5$



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

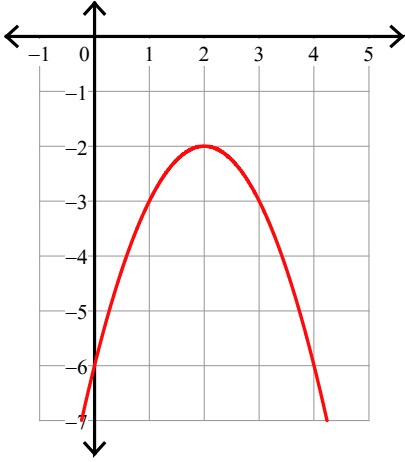


## Assignment

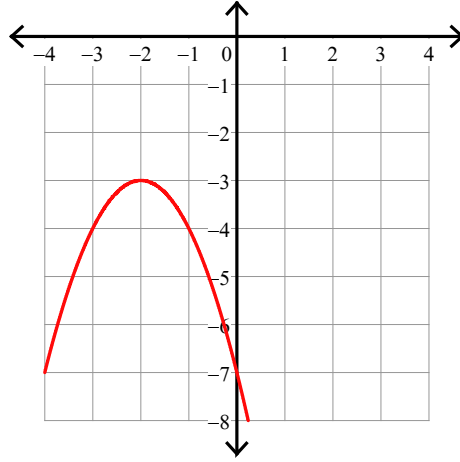
Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

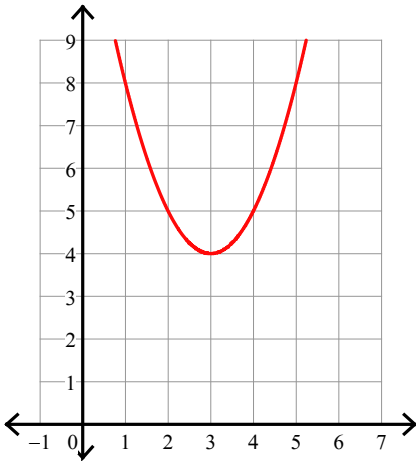
1)  $y = -x^2 + 4x - 6$



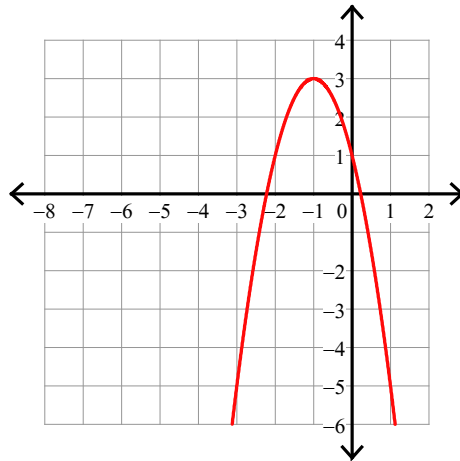
2)  $y = -x^2 - 4x - 7$



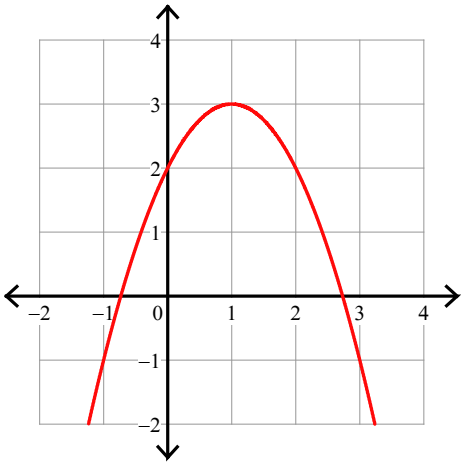
3)  $y = x^2 - 6x + 13$



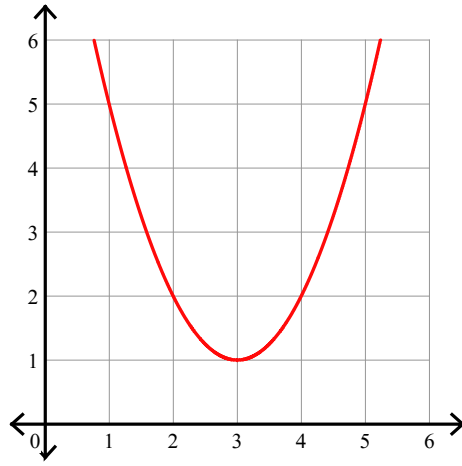
4)  $y = -2x^2 - 4x + 1$



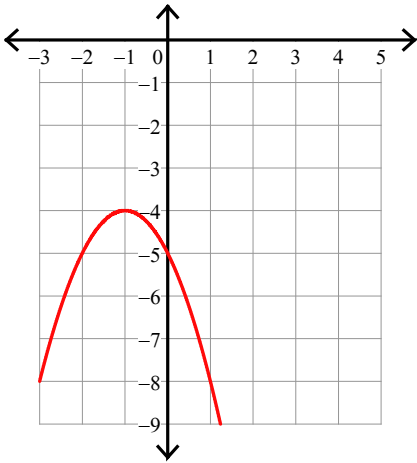
5)  $y = -x^2 + 2x + 2$



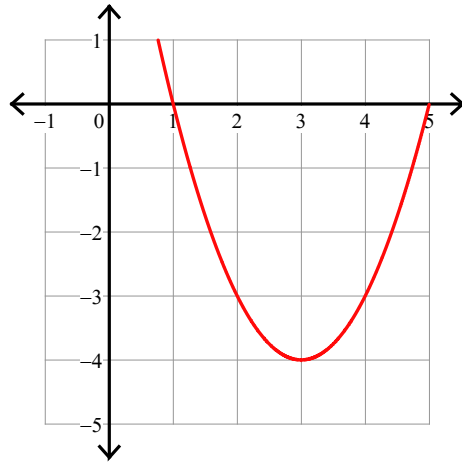
6)  $y = x^2 - 6x + 10$



7)  $y = -x^2 - 2x - 5$



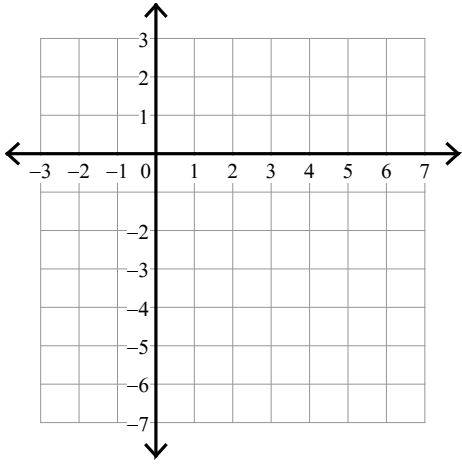
8)  $y = x^2 - 6x + 5$



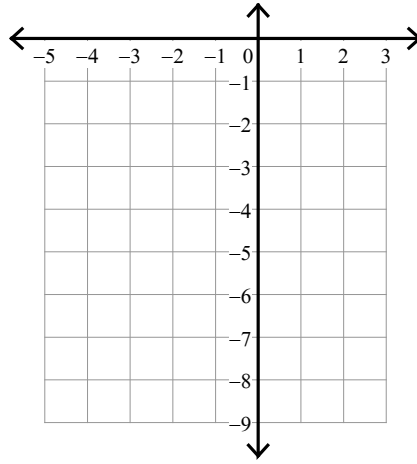
## Assignment

Sketch the graph of each function.

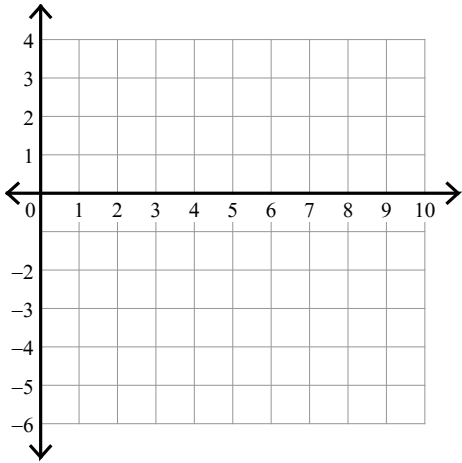
1)  $y = -2x^2 + 8x - 6$



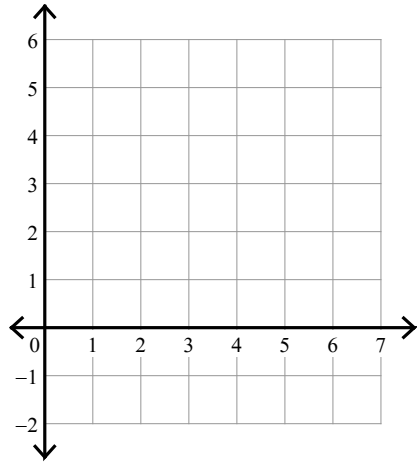
2)  $y = -x^2 - 4x - 8$



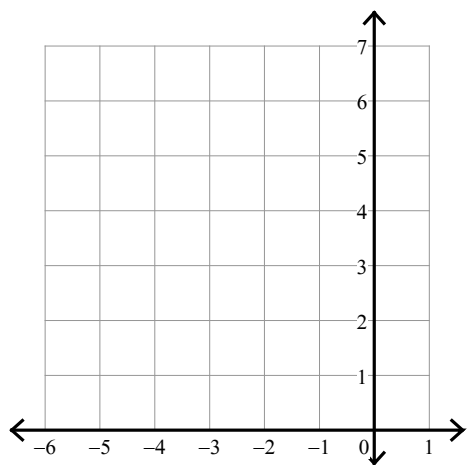
3)  $y = -2x^2 + 8x - 5$



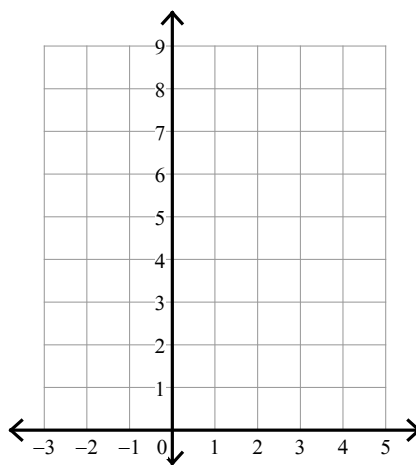
4)  $y = -x^2 + 8x - 12$



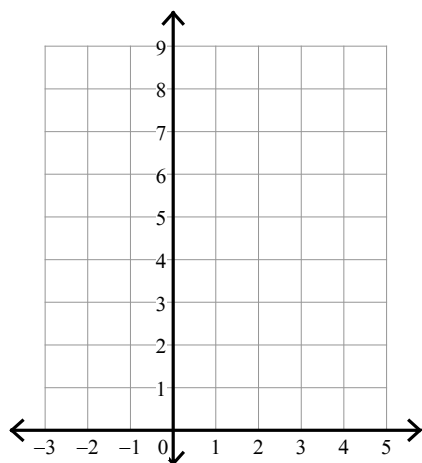
5)  $y = x^2 + 8x + 18$



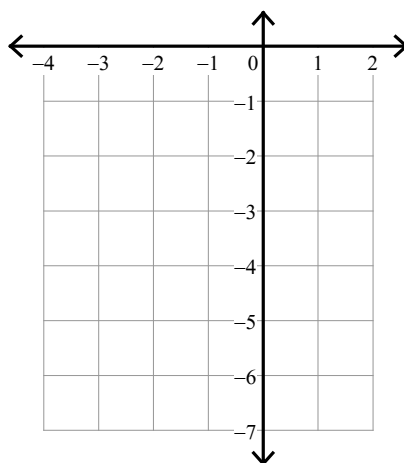
6)  $y = x^2 - 2x + 5$



7)  $y = x^2 + 2x + 5$



8)  $y = -x^2 - 2x - 3$



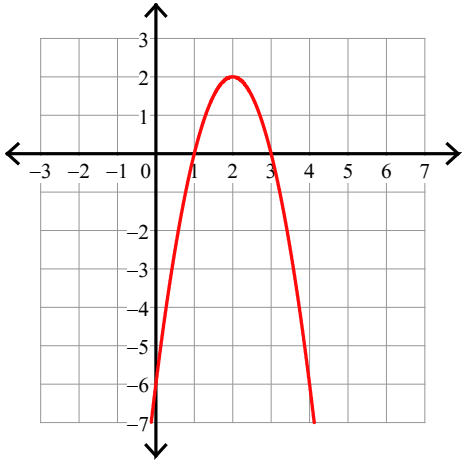
## Assignment

Name \_\_\_\_\_

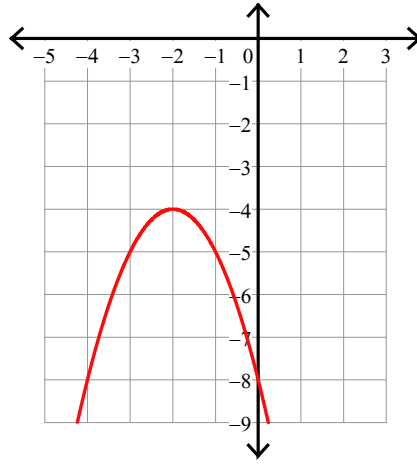
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

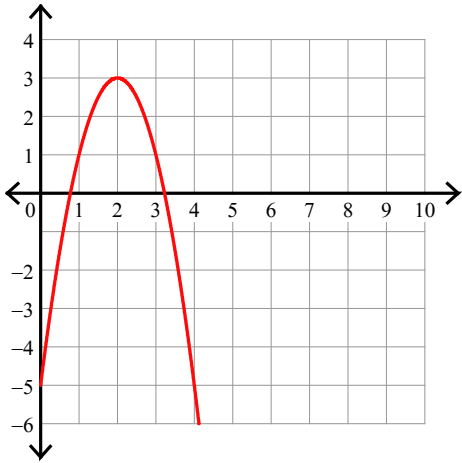
1)  $y = -2x^2 + 8x - 6$



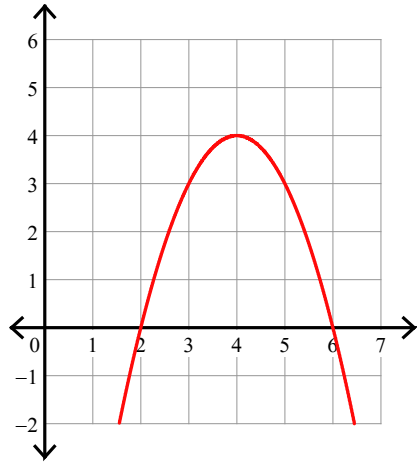
2)  $y = -x^2 - 4x - 8$



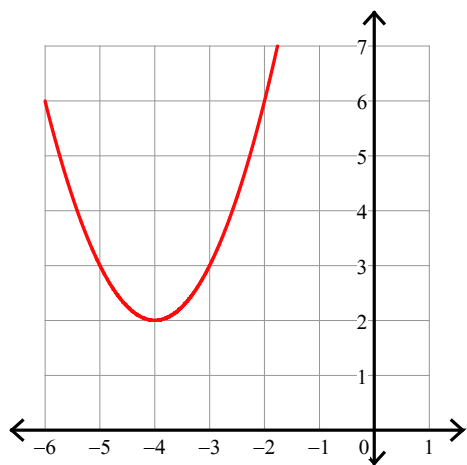
3)  $y = -2x^2 + 8x - 5$



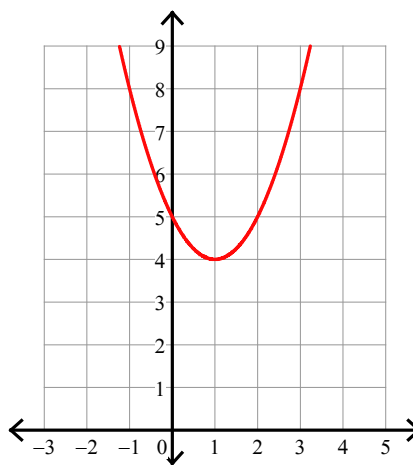
4)  $y = -x^2 + 8x - 12$



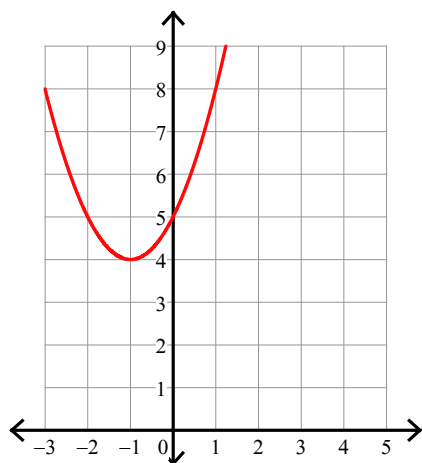
5)  $y = x^2 + 8x + 18$



6)  $y = x^2 - 2x + 5$



7)  $y = x^2 + 2x + 5$



8)  $y = -x^2 - 2x - 3$

