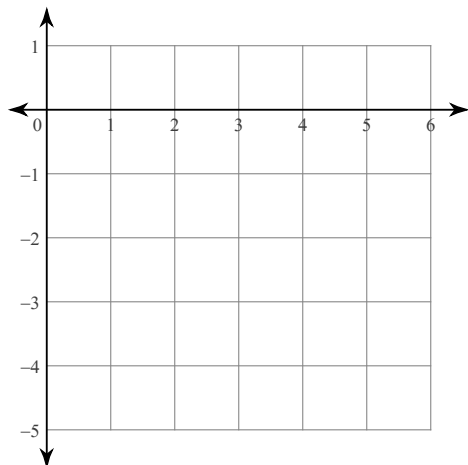


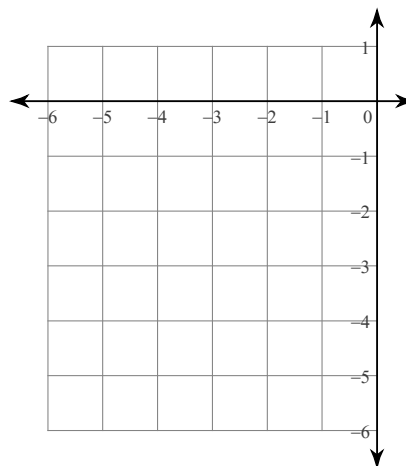
Assignment

Sketch the graph of each function.

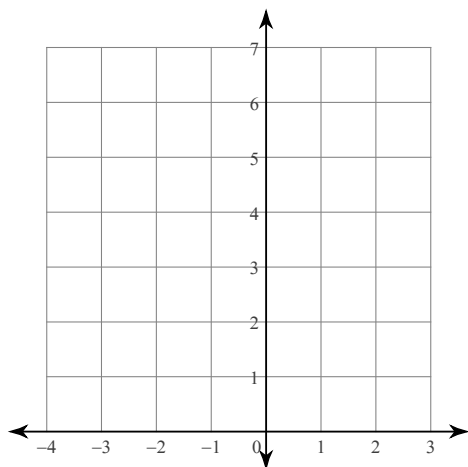
1) $y = x^2 - 7x + 8$



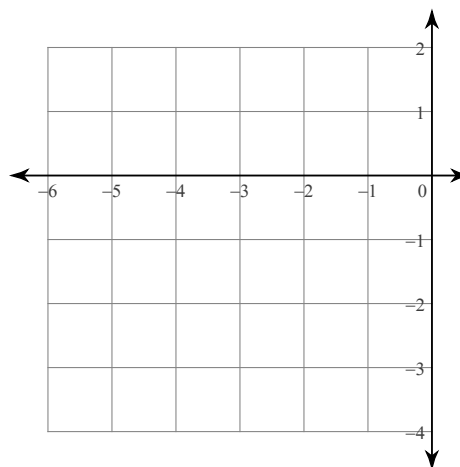
2) $y = \frac{1}{2}x^2 + \frac{7}{2}x + 2$



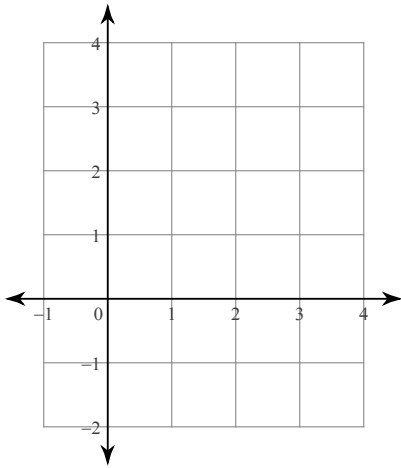
3) $y = \frac{1}{2}x^2 - \frac{1}{2}x + \frac{33}{8}$



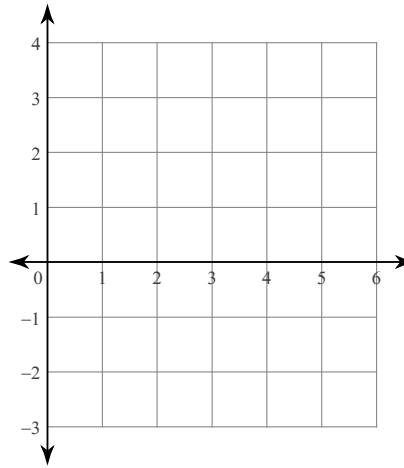
4) $y = \frac{1}{2}x^2 + \frac{7}{2}x + \frac{33}{8}$



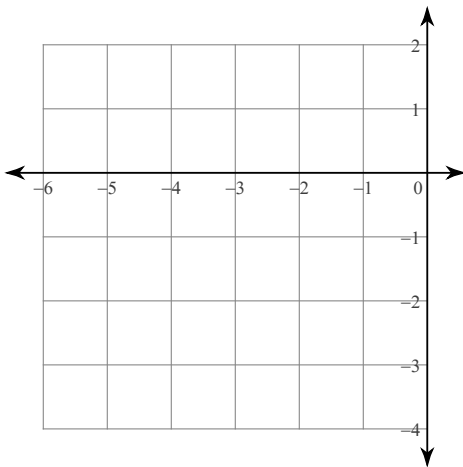
$$5) y = \frac{1}{2}x^2 - \frac{3}{2}x + 2$$



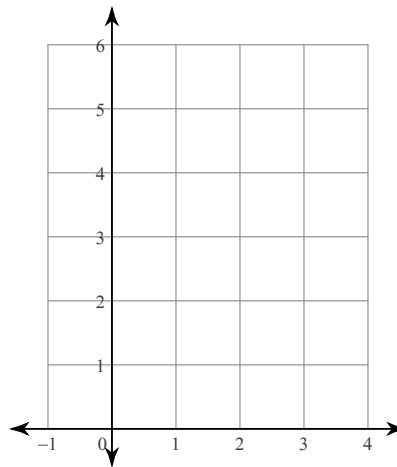
$$6) y = -\frac{1}{2}x^2 + \frac{7}{2}x - 5$$



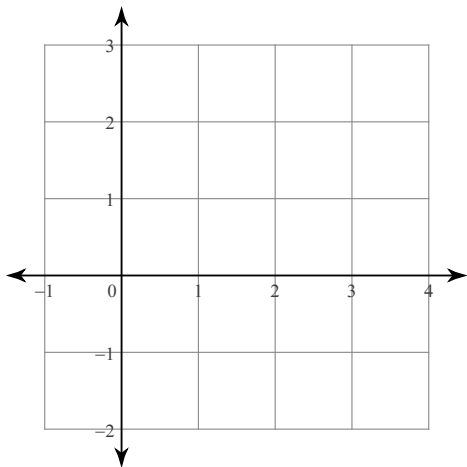
$$7) y = -x^2 - 7x - \frac{45}{4}$$



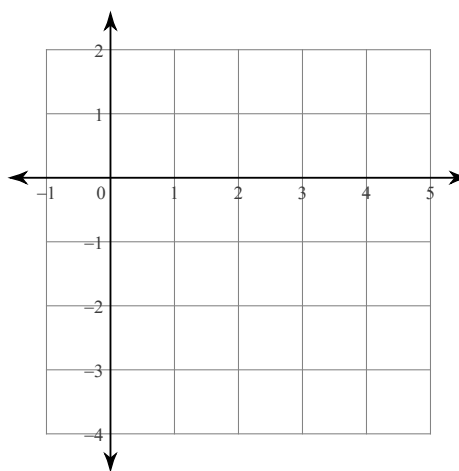
$$8) y = \frac{1}{2}x^2 - \frac{3}{2}x + 5$$



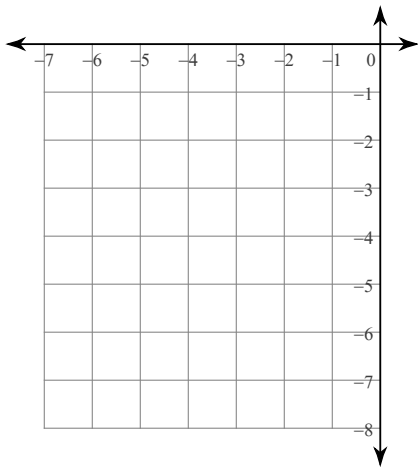
9) $y = -x^2 + 3x$



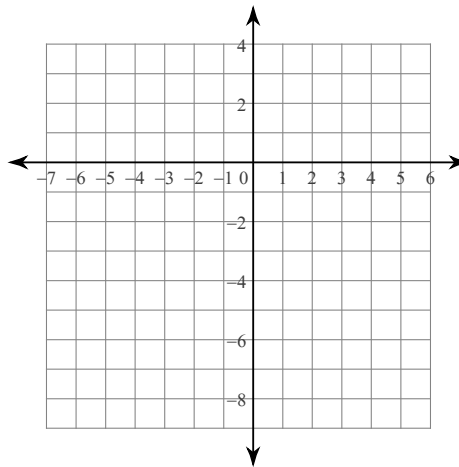
10) $y = -\frac{1}{2}x^2 + \frac{5}{2}x - 4$



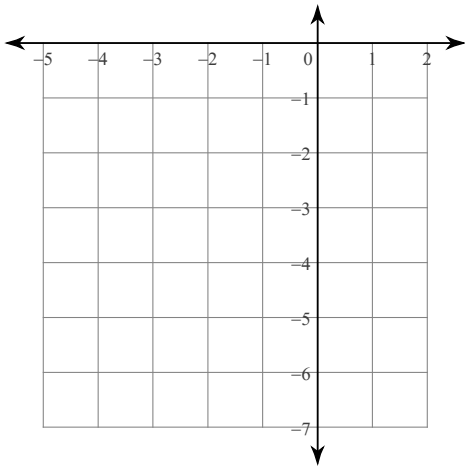
11) $y = -x^2 - 9x - 24$



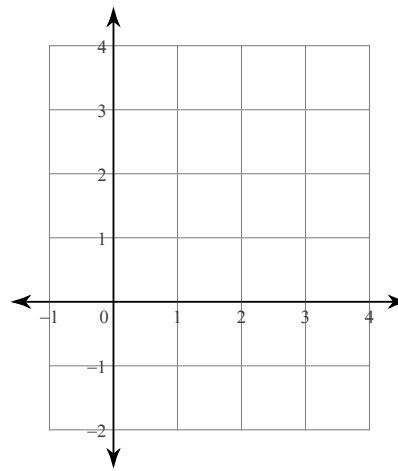
12) $y = -3x^2 - 27x - 57$



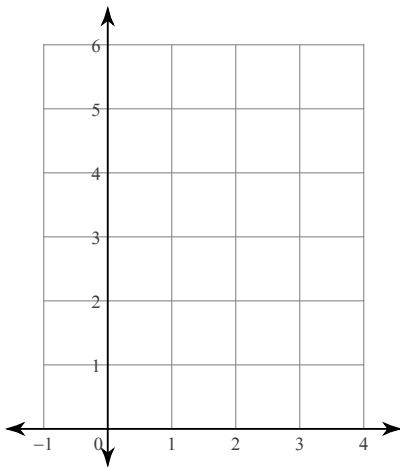
13) $y = -x^2 - 3x - 5$



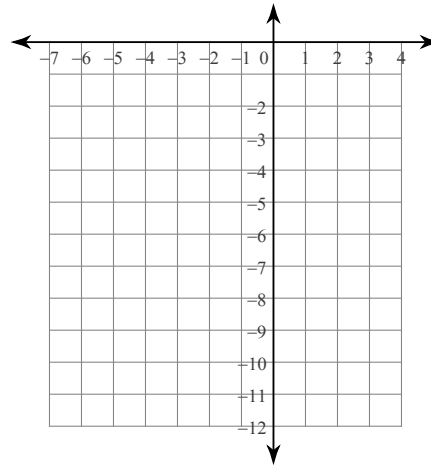
14) $y = -x^2 + 3x + \frac{3}{4}$



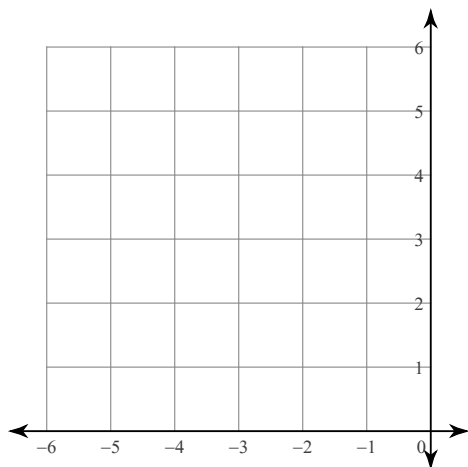
15) $y = \frac{1}{2}x^2 - \frac{3}{2}x + \frac{33}{8}$



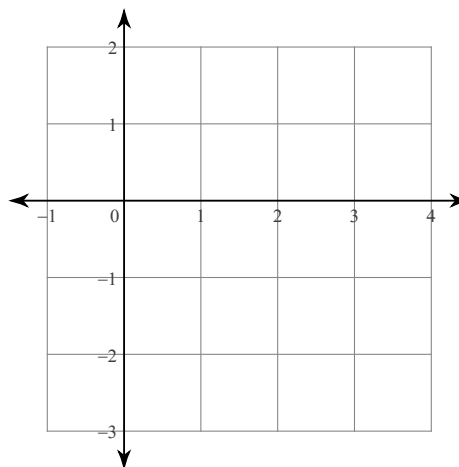
16) $y = -2x^2 - 6x - 8$



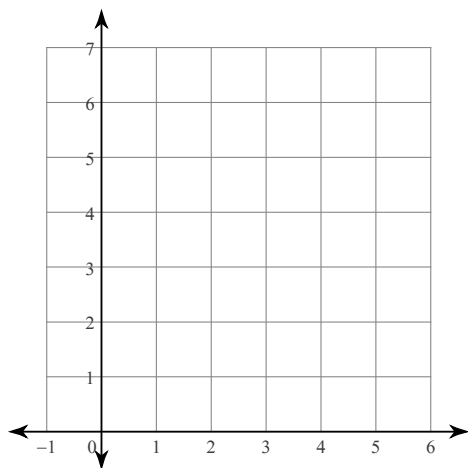
17) $y = x^2 + 7x + 14$



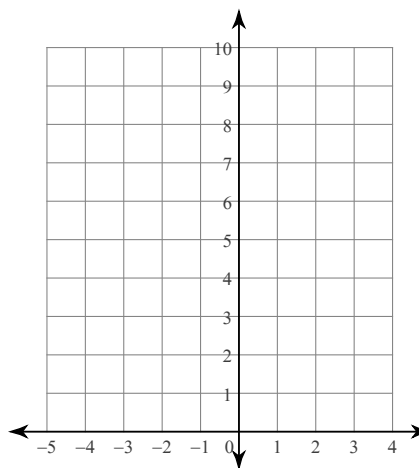
18) $y = x^2 - 3x$



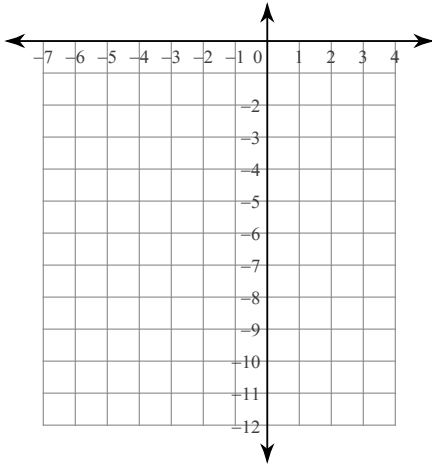
19) $y = x^2 - 3x + 5$



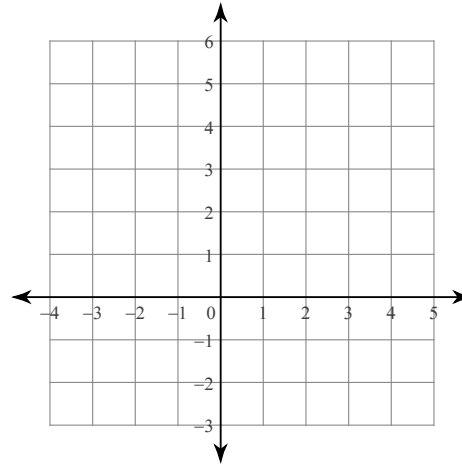
20) $y = 2x^2 - 2x + 2$



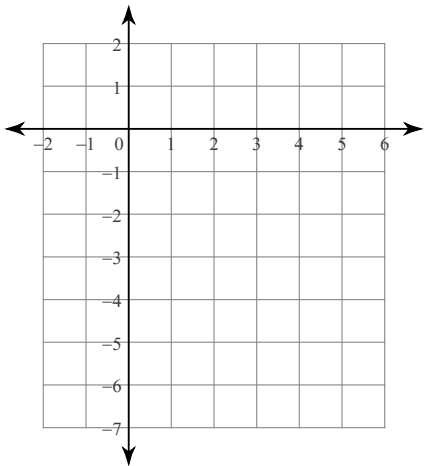
21) $y = -2x^2 - 18x - 44$



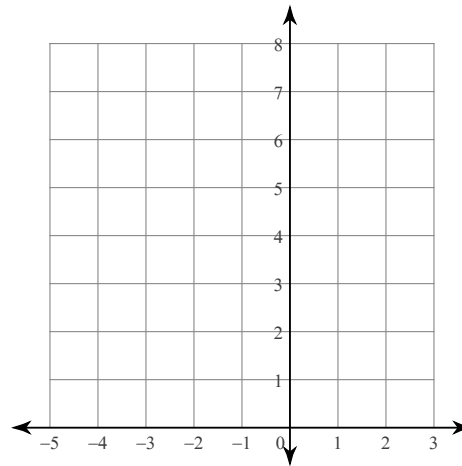
22) $y = 2x^2 - 2x - 2$



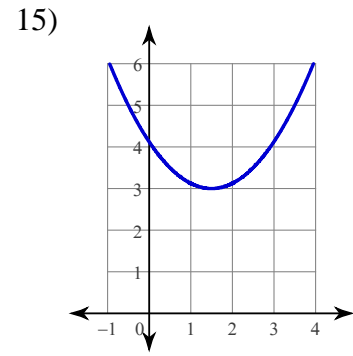
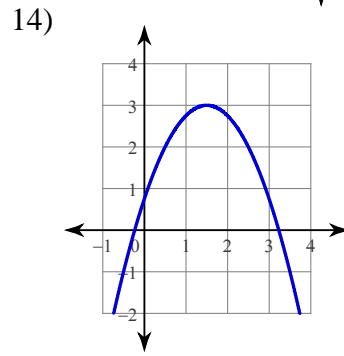
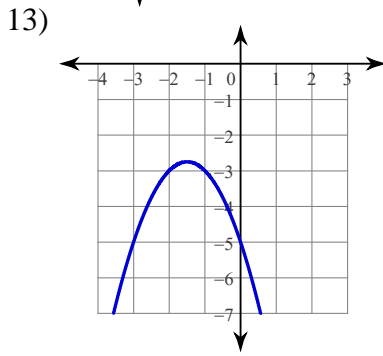
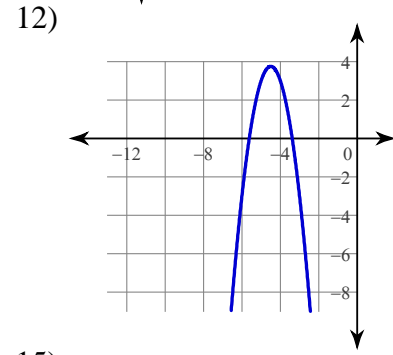
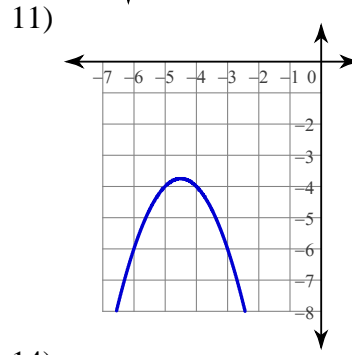
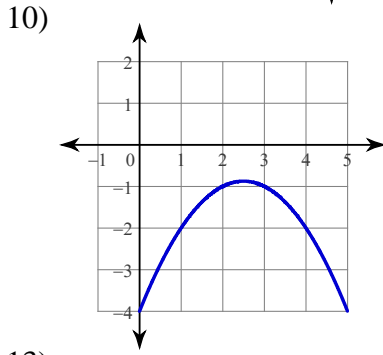
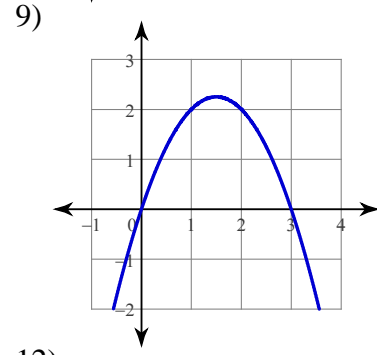
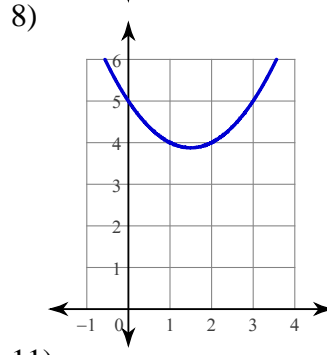
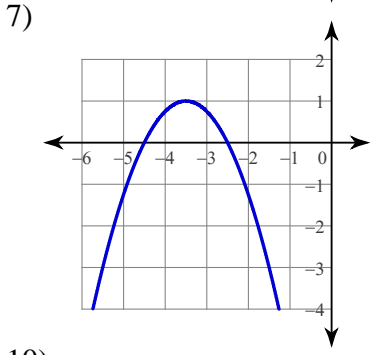
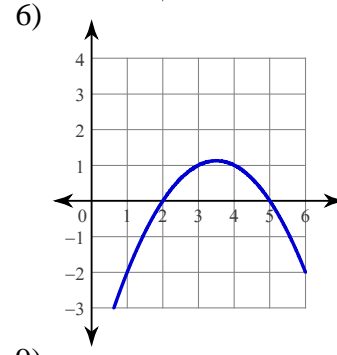
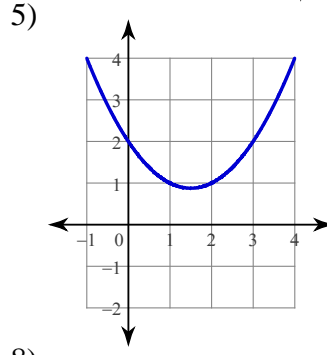
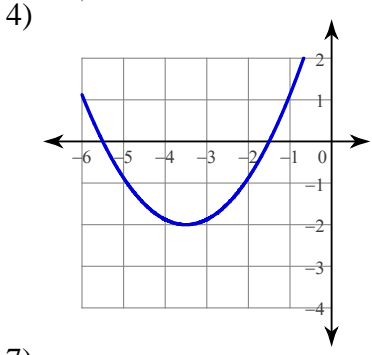
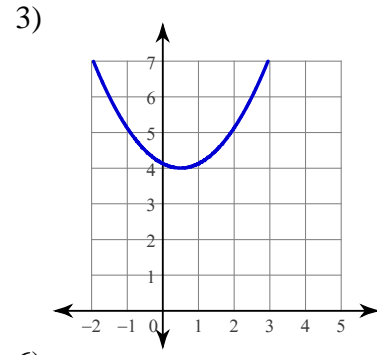
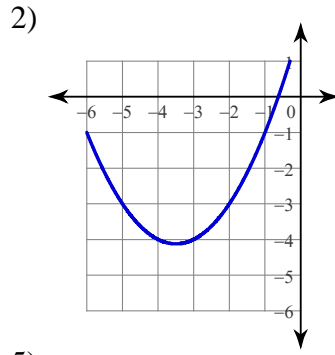
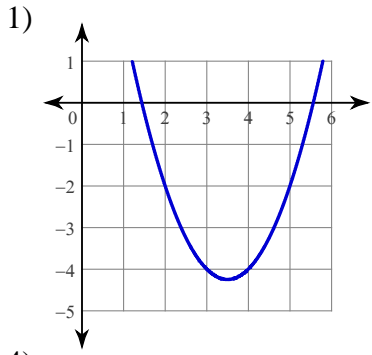
23) $y = -2x^2 + 10x - 11$



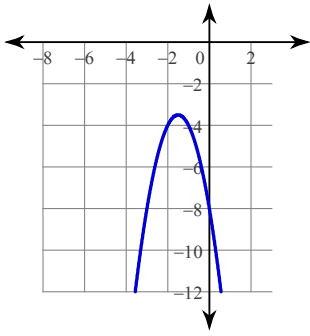
24) $y = x^2 + 5x + 10$



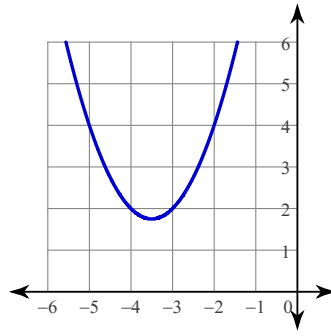
Answers to Assignment (ID: 1)



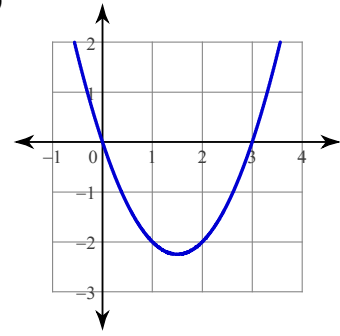
16)



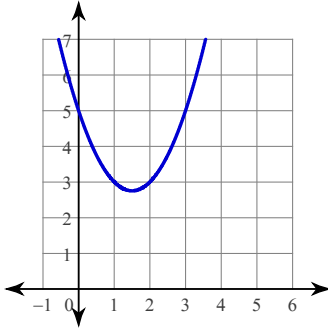
17)



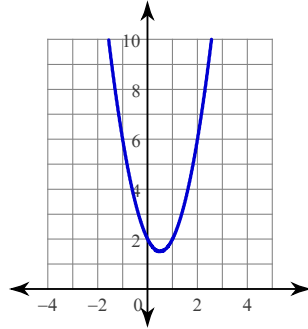
18)



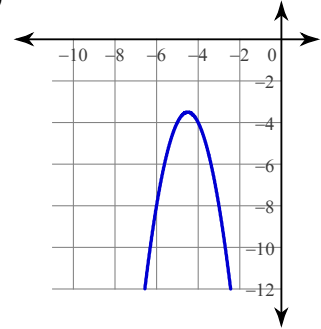
19)



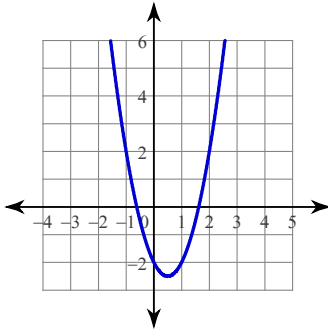
20)



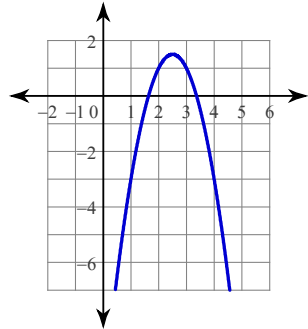
21)



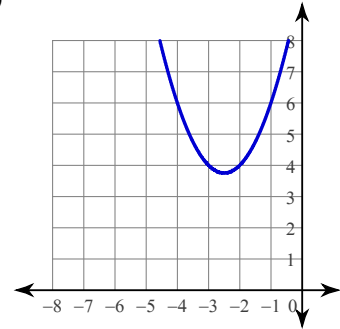
22)



23)



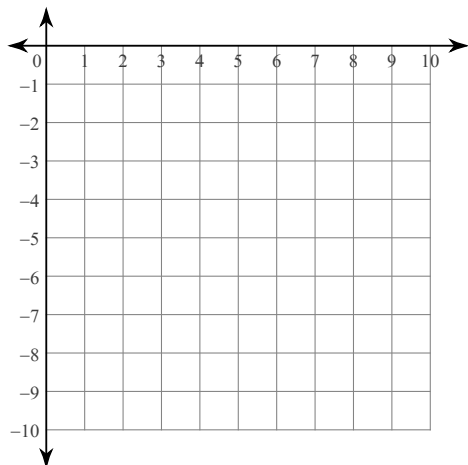
24)



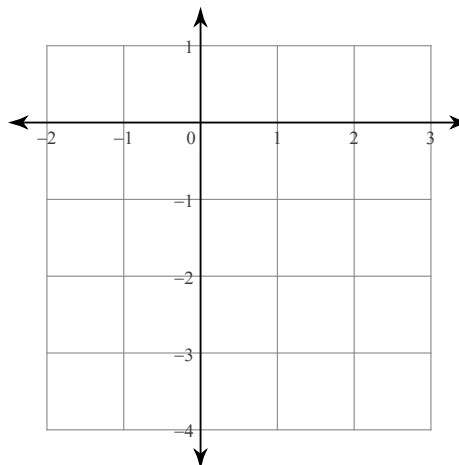
Assignment

Sketch the graph of each function.

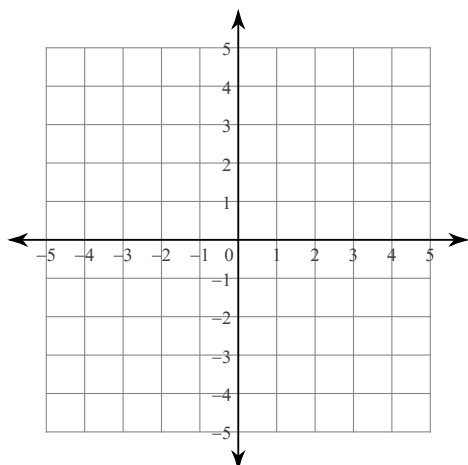
1) $y = -2x^2 + 14x - 26$



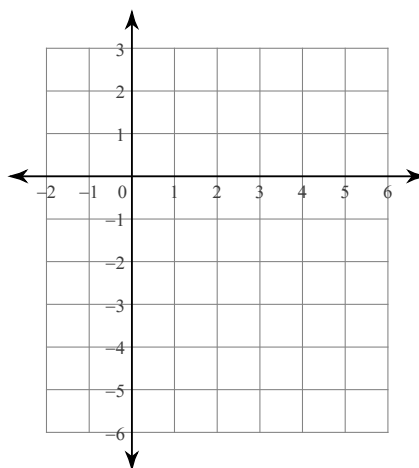
2) $y = -x^2 + x$



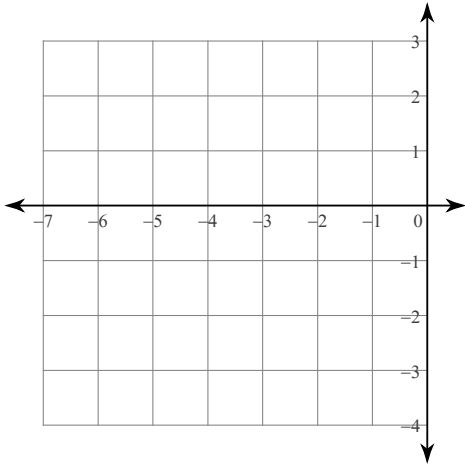
3) $y = -2x^2 - 10x - \frac{17}{2}$



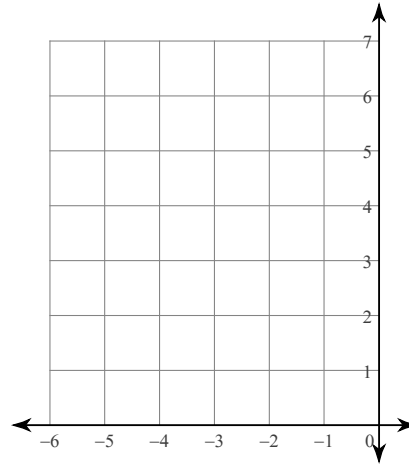
4) $y = -2x^2 + 10x - 10$



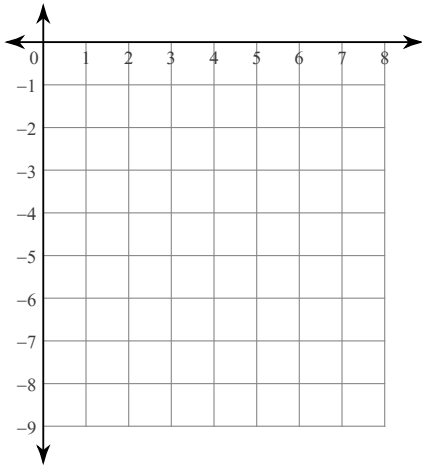
5) $y = -x^2 - 9x - 19$



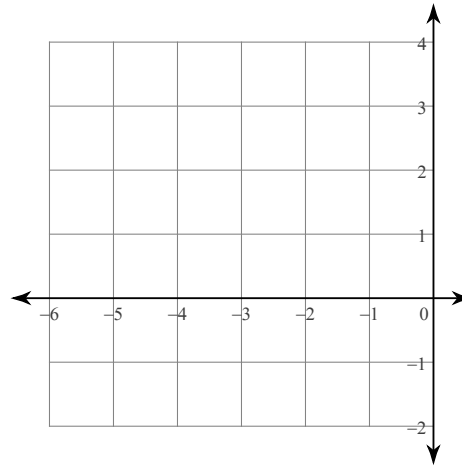
6) $y = x^2 + 7x + 15$



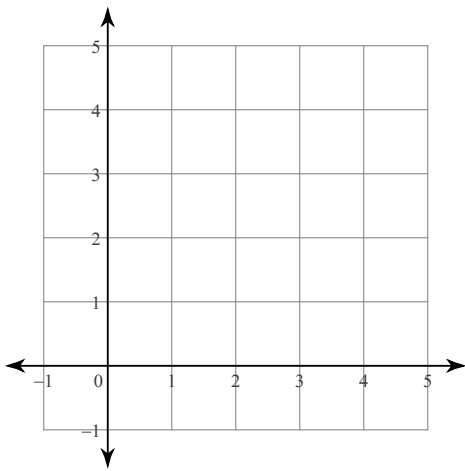
7) $y = -x^2 + 7x - \frac{65}{4}$



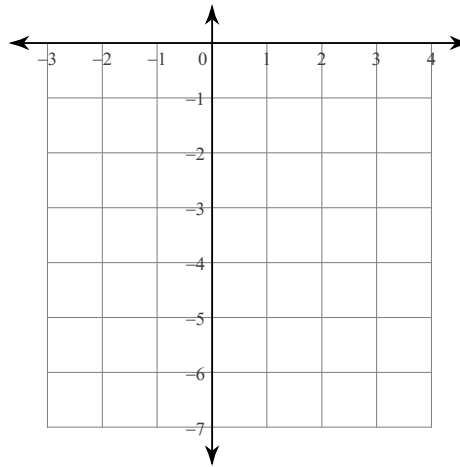
8) $y = -x^2 - 7x - \frac{37}{4}$



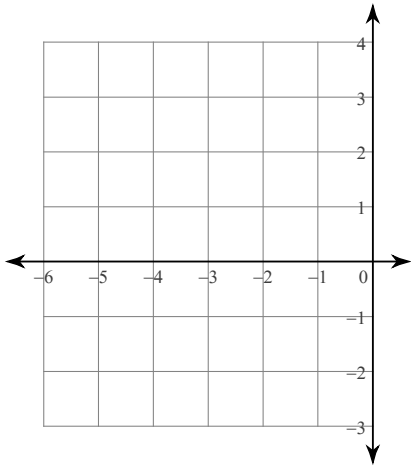
$$9) y = \frac{1}{2}x^2 - \frac{5}{2}x + 5$$



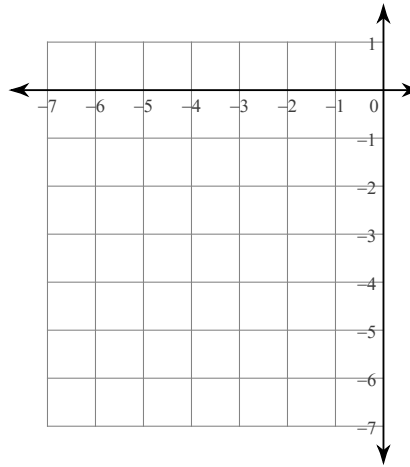
$$10) y = -x^2 + x - 3$$



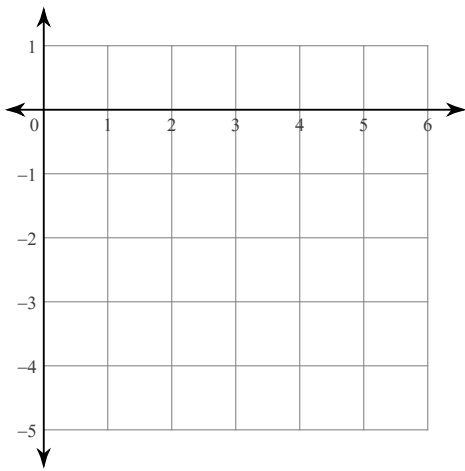
$$11) y = x^2 + 5x + 5$$



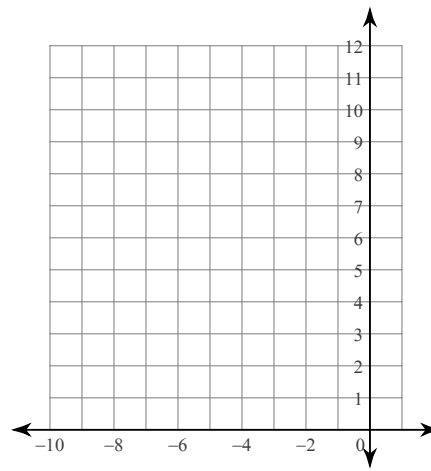
$$12) y = -x^2 - 9x - 22$$



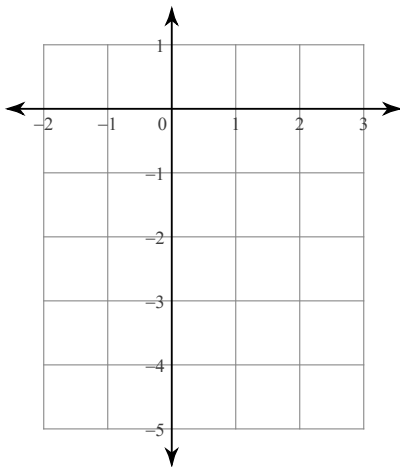
$$13) y = \frac{1}{2}x^2 - \frac{7}{2}x + 3$$



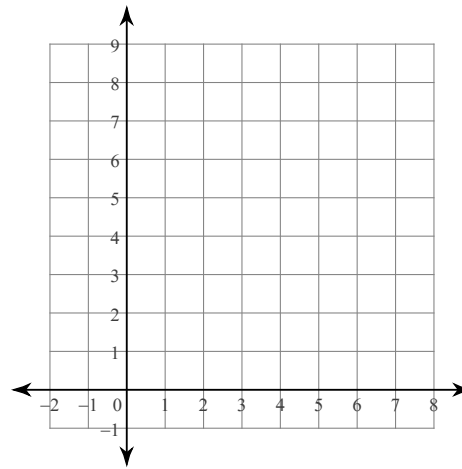
$$14) y = 2x^2 + 6x + \frac{15}{2}$$



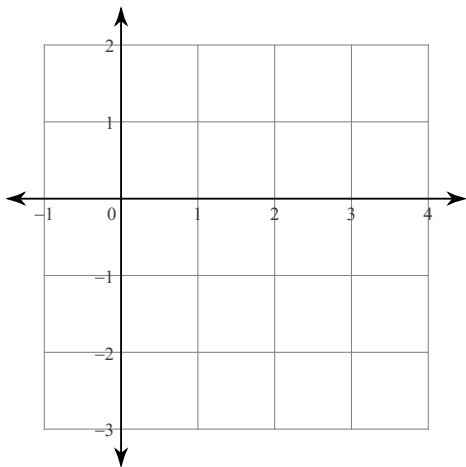
$$15) y = \frac{1}{2}x^2 - \frac{1}{2}x - 3$$



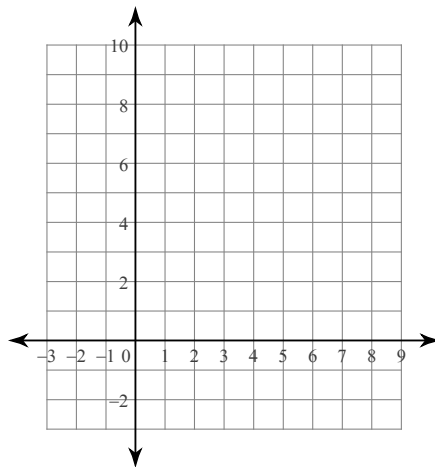
$$16) y = 2x^2 - 14x + 25$$



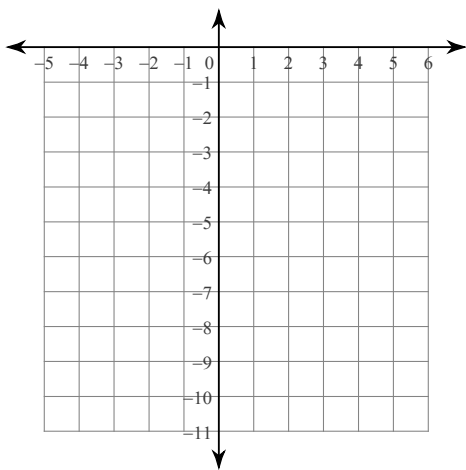
17) $y = -x^2 + 3x - 1$



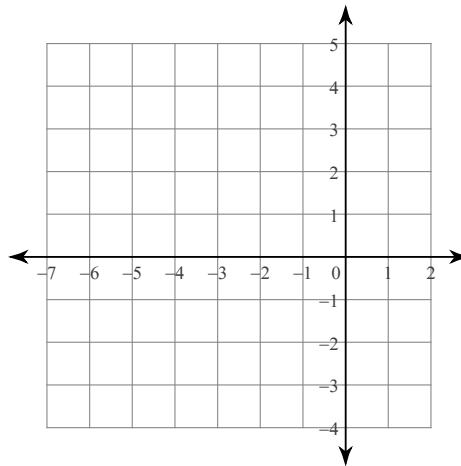
18) $y = 3x^2 - 21x + 34$



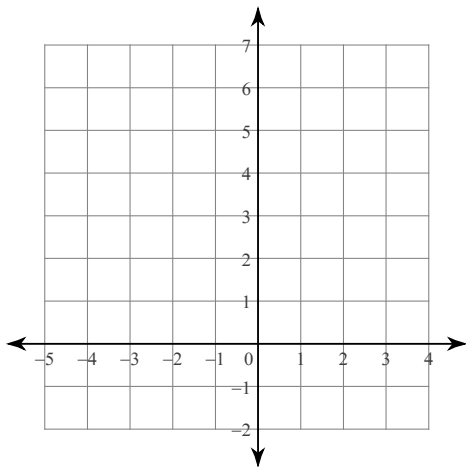
19) $y = -2x^2 + 6x - \frac{13}{2}$



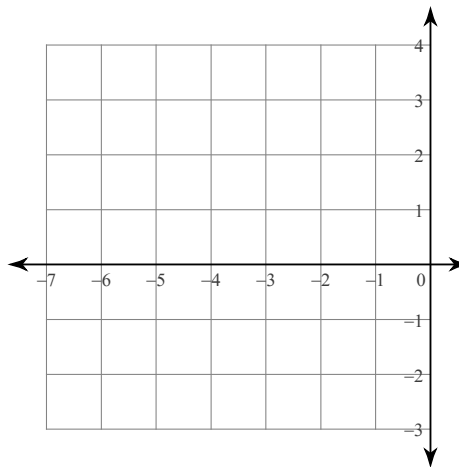
20) $y = 2x^2 + 18x + 37$



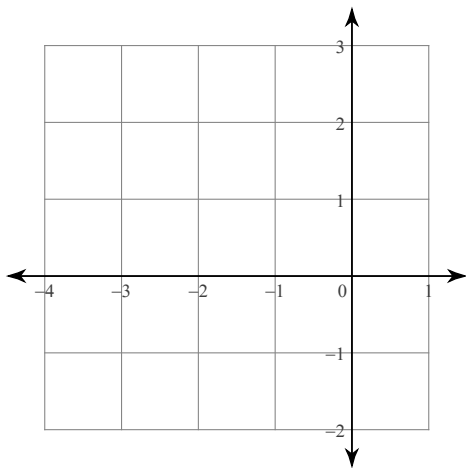
21) $y = 2x^2 + 6x + 3$



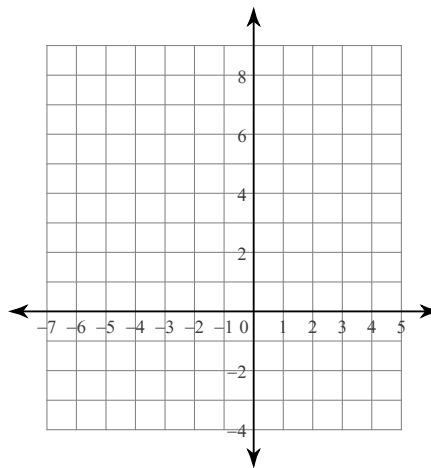
22) $y = -x^2 - 9x - 18$



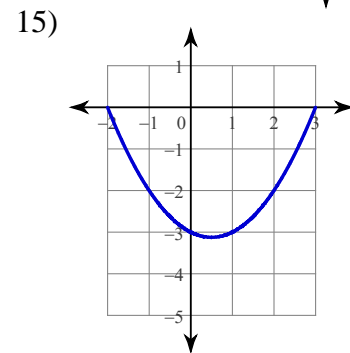
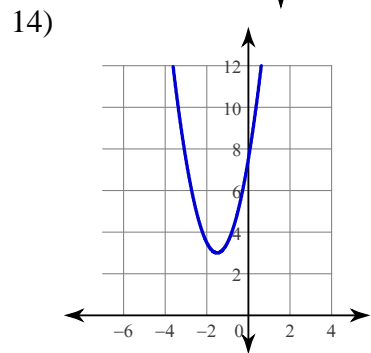
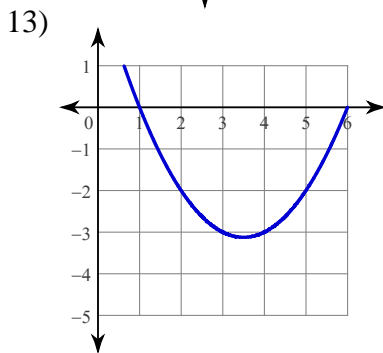
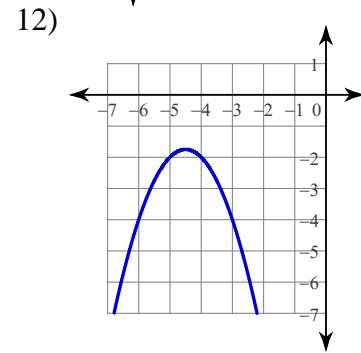
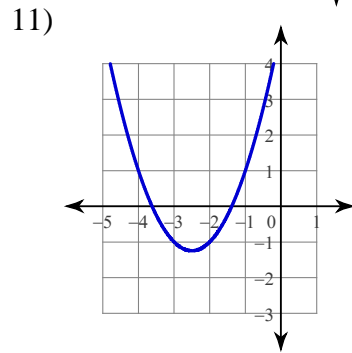
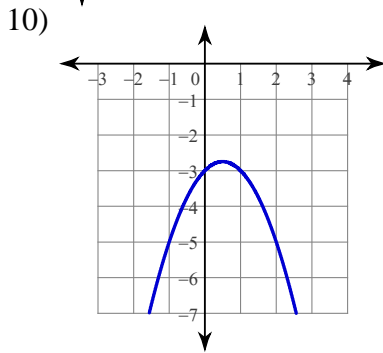
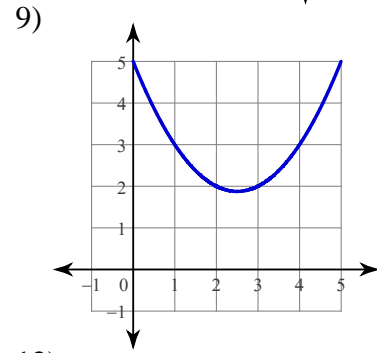
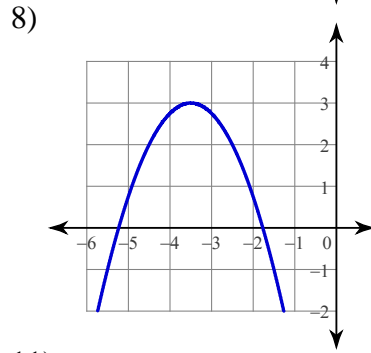
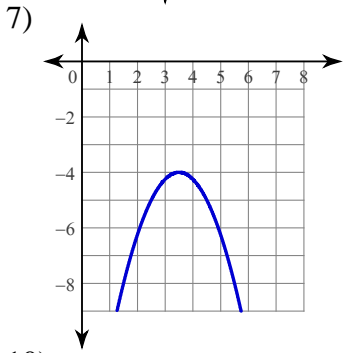
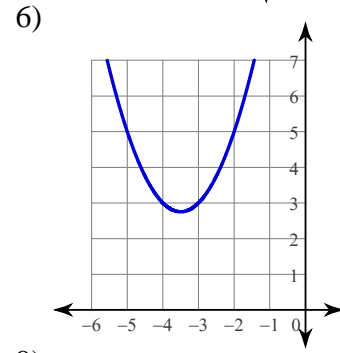
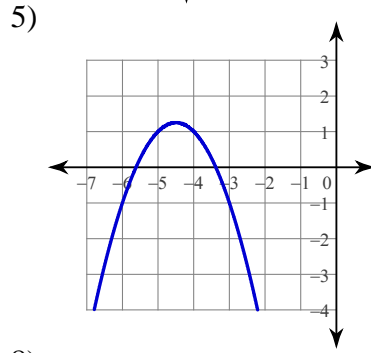
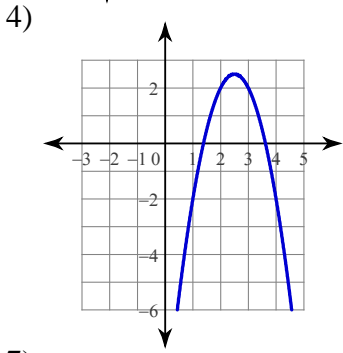
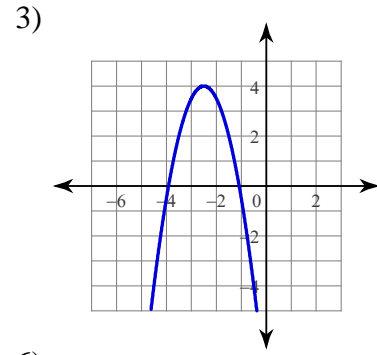
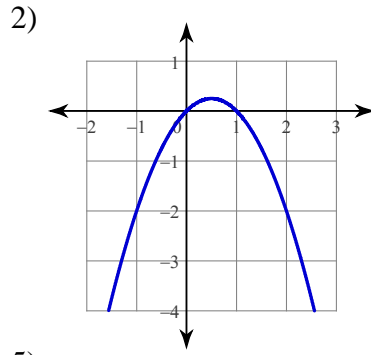
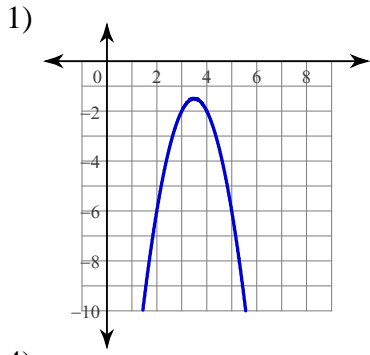
23) $y = x^2 + 3x + 1$



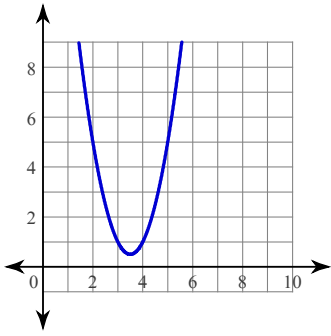
24) $y = 3x^2 + 15x + 15$



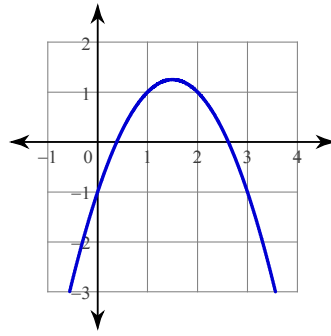
Answers to Assignment (ID: 2)



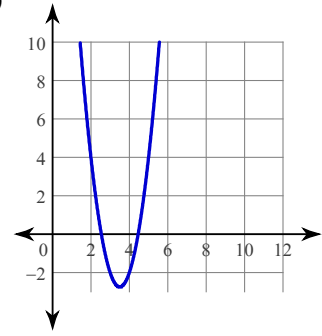
16)



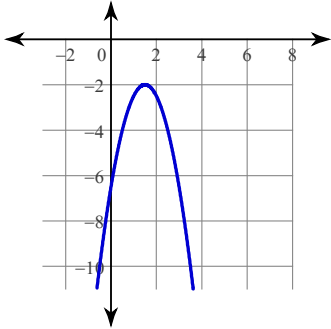
17)



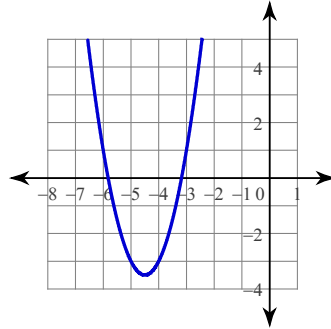
18)



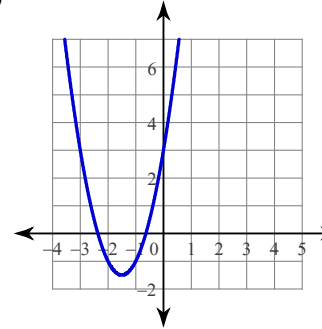
19)



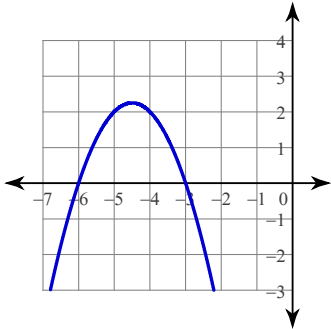
20)



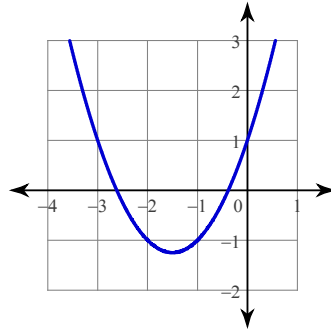
21)



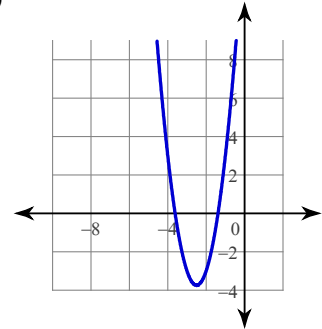
22)



23)



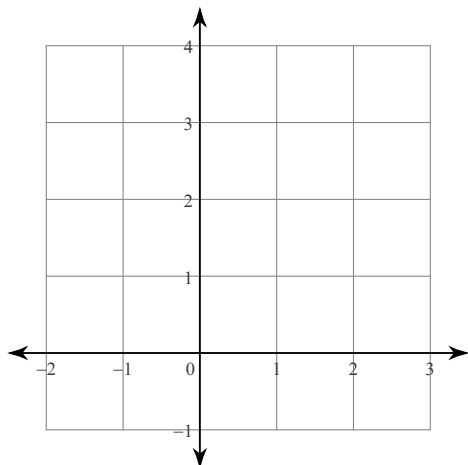
24)



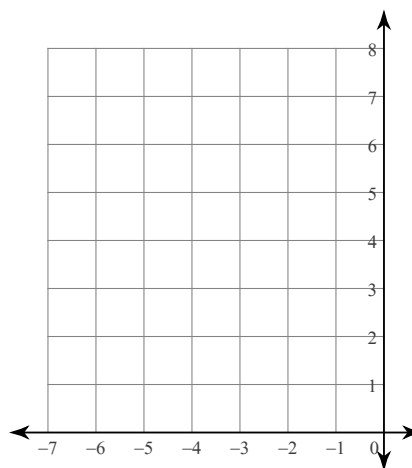
Assignment

Sketch the graph of each function.

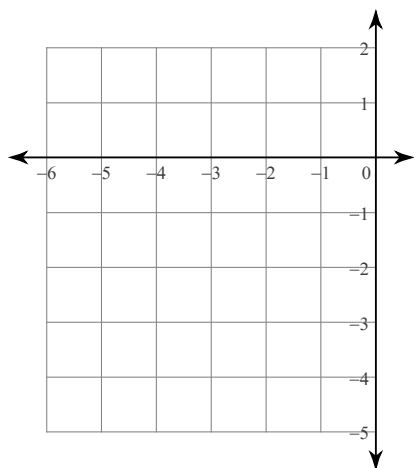
1) $y = -x^2 + x + 3$



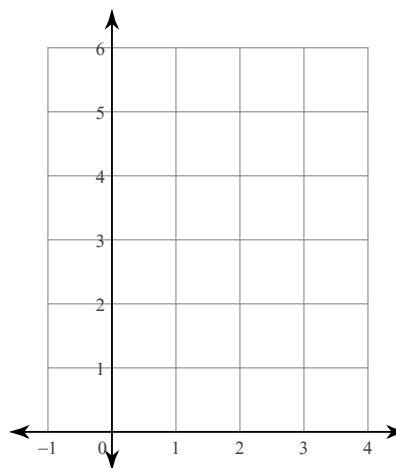
2) $y = x^2 + 9x + \frac{93}{4}$



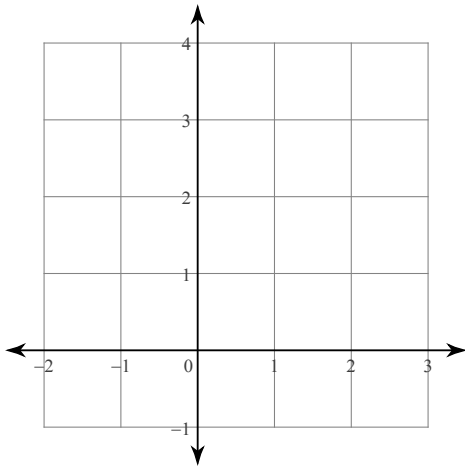
3) $y = x^2 + 7x + 9$



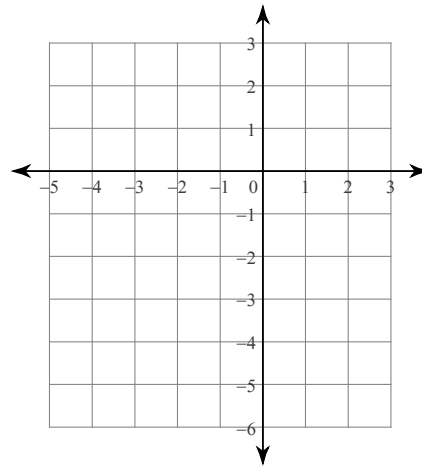
4) $y = x^2 - 3x + 4$



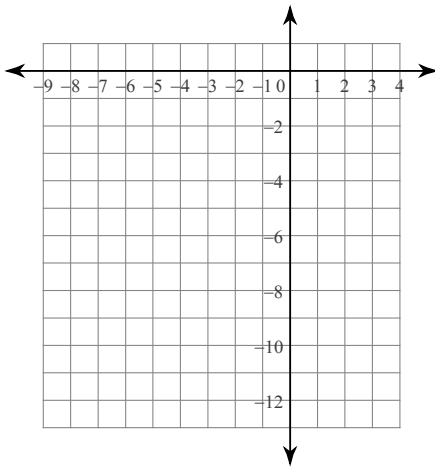
5) $y = x^2 - x$



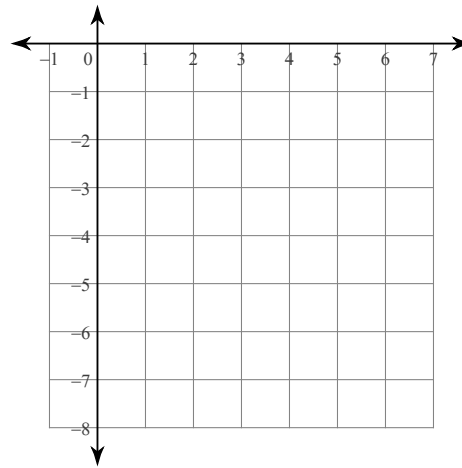
6) $y = -2x^2 - 10x - 10$



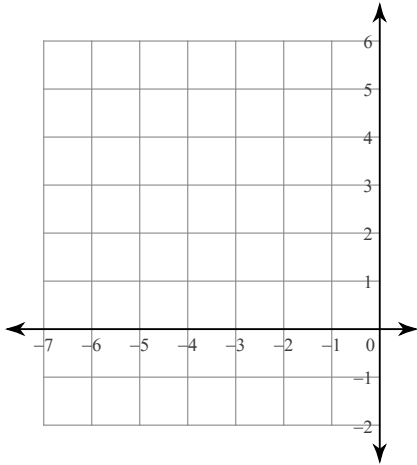
7) $y = -3x^2 + 3x - 1$



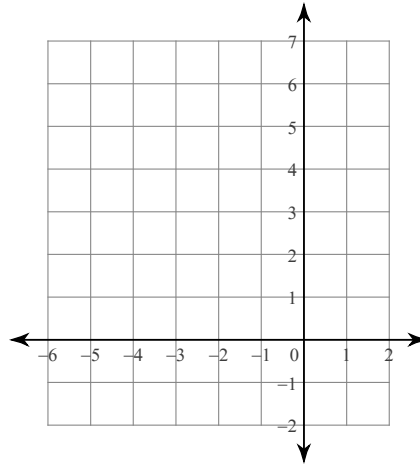
8) $y = -x^2 + 7x - 16$



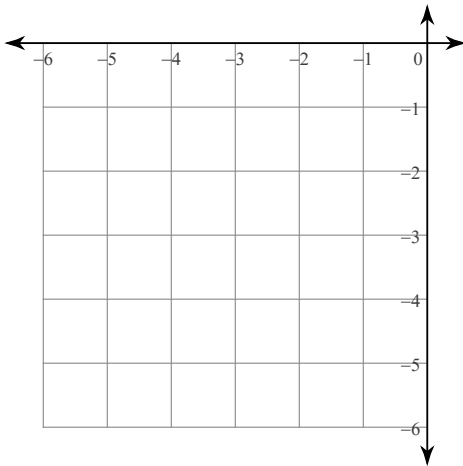
9) $y = x^2 + 9x + 21$



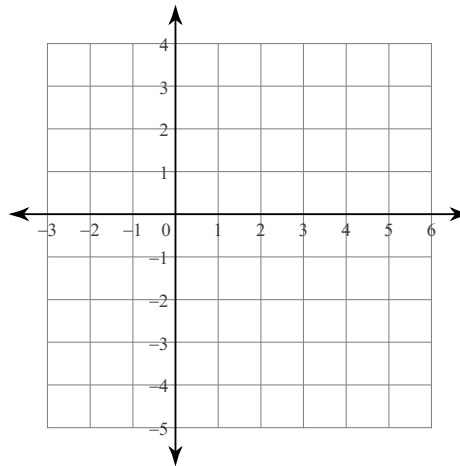
10) $y = 2x^2 + 10x + 11$



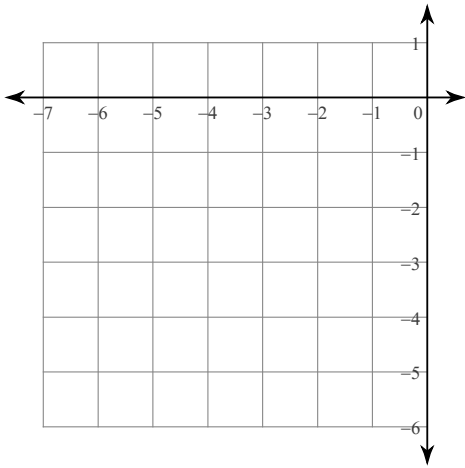
11) $y = -\frac{1}{2}x^2 - \frac{7}{2}x - 10$



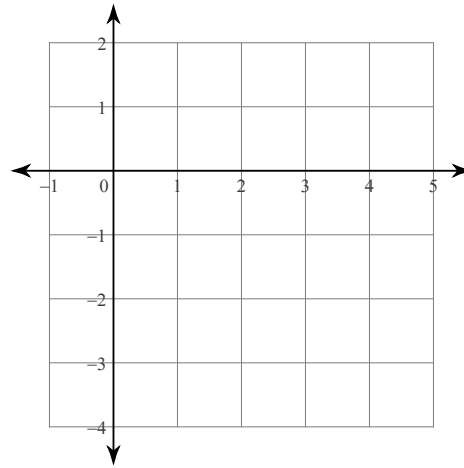
12) $y = -2x^2 + 2x + 3$



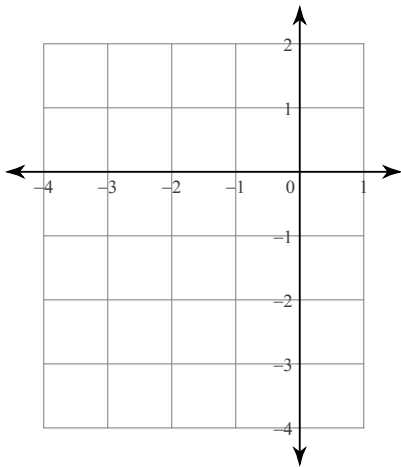
$$13) y = -\frac{1}{4}x^2 - \frac{9}{4}x - 9$$



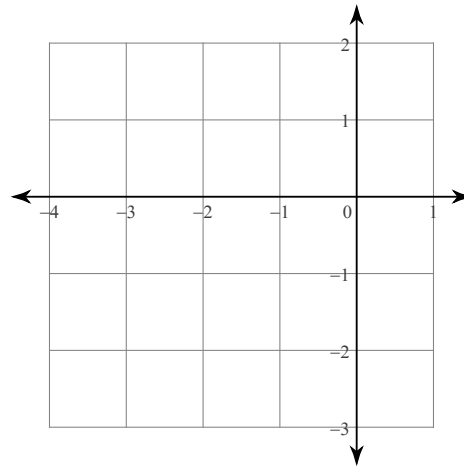
$$14) y = -\frac{1}{2}x^2 + \frac{5}{2}x - 4$$



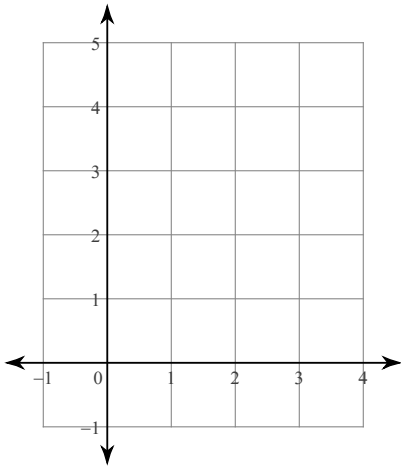
$$15) y = \frac{1}{2}x^2 + \frac{3}{2}x - 1$$



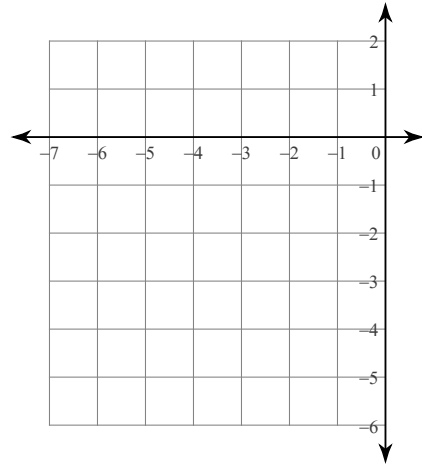
$$16) y = -x^2 - 3x - 1$$



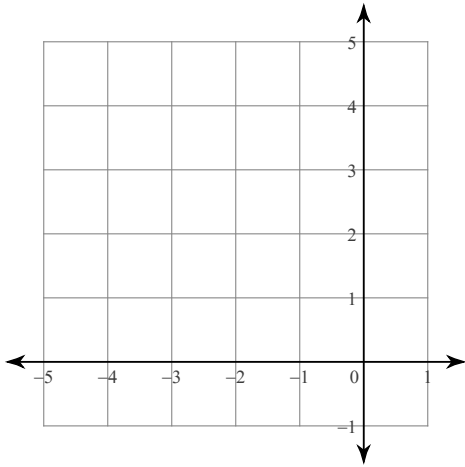
$$17) y = -x^2 + 3x + \frac{7}{4}$$



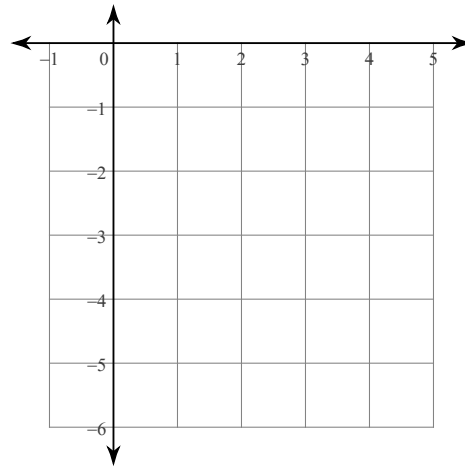
$$18) y = -x^2 - 9x - 21$$



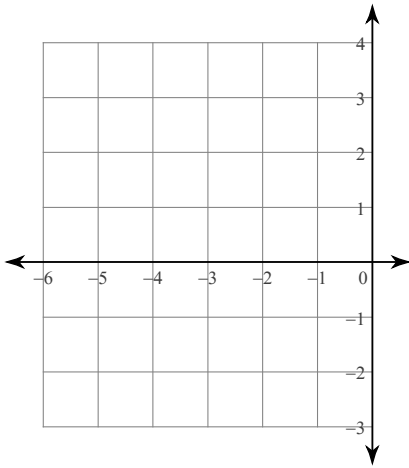
$$19) y = -\frac{1}{2}x^2 - \frac{5}{2}x$$



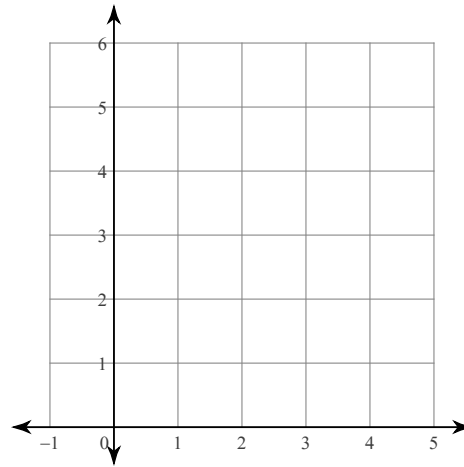
$$20) y = -x^2 + 5x - 8$$



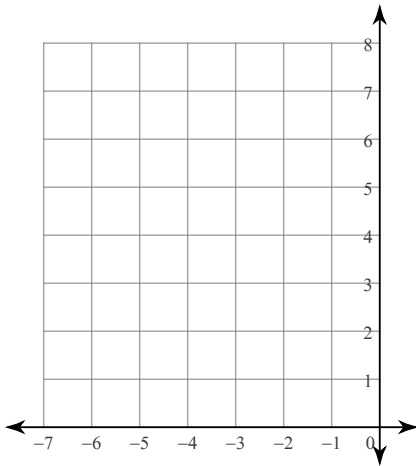
$$21) y = -\frac{1}{2}x^2 - \frac{7}{2}x - 5$$



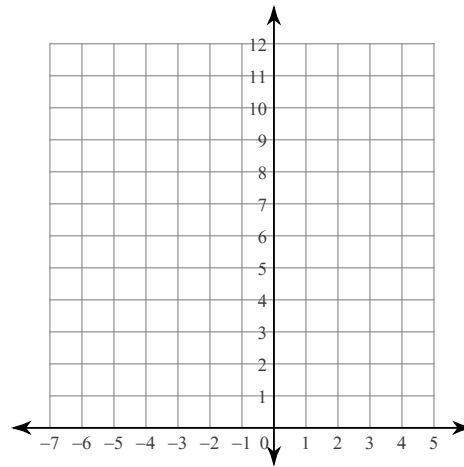
$$22) y = x^2 - 5x + 8$$



$$23) y = x^2 + 9x + 24$$

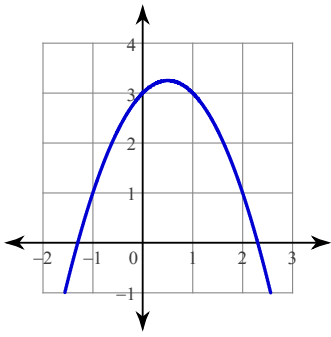


$$24) y = 2x^2 + 14x + \frac{55}{2}$$

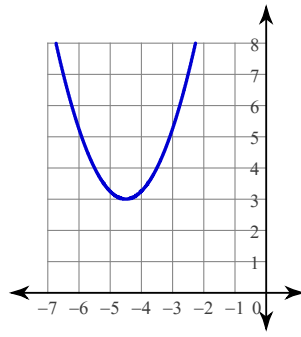


Answers to Assignment (ID: 3)

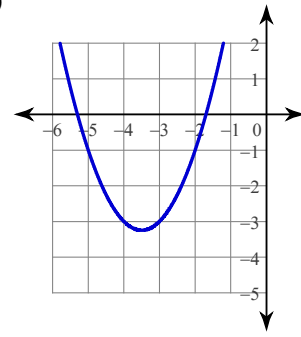
1)



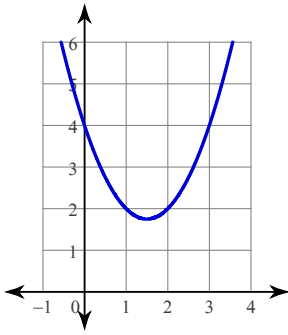
2)



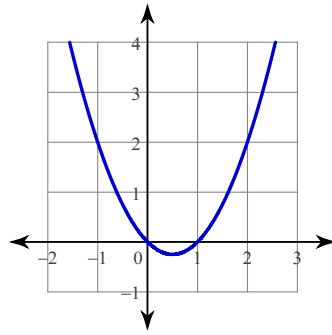
3)



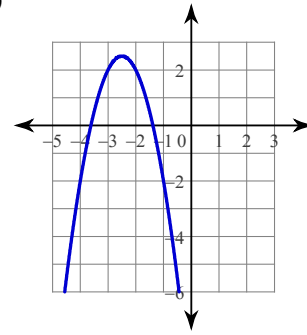
4)



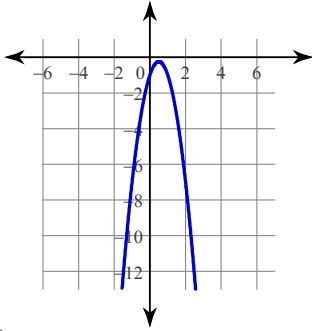
5)



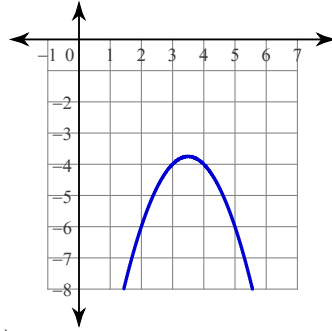
6)



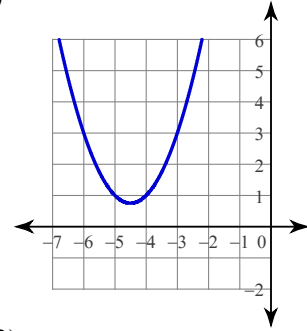
7)



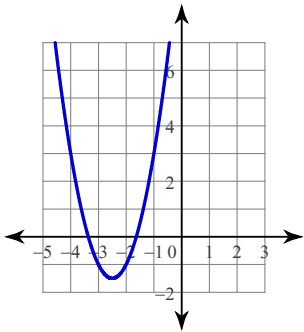
8)



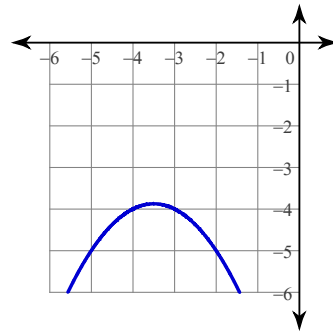
9)



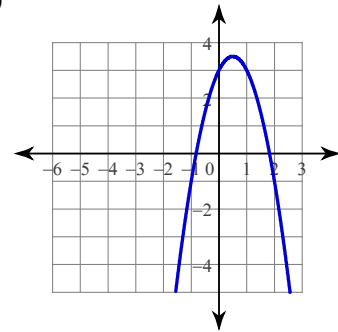
10)



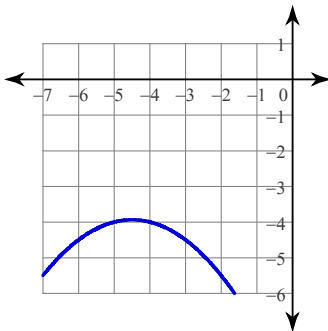
11)



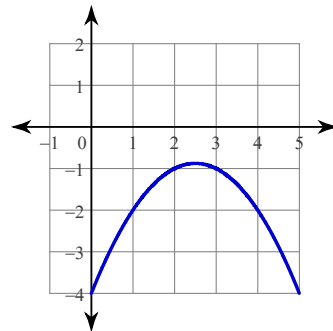
12)



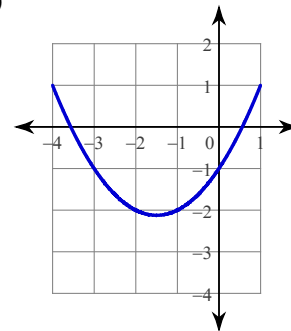
13)



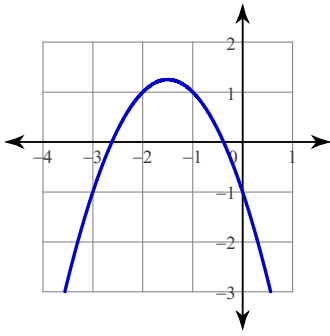
14)



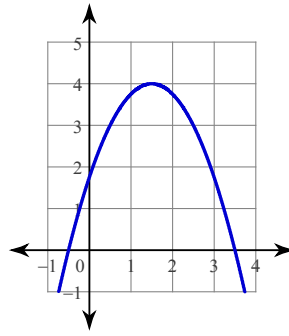
15)



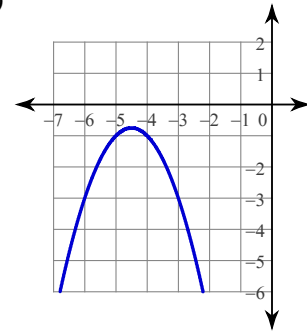
16)



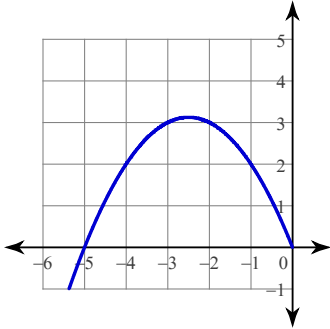
17)



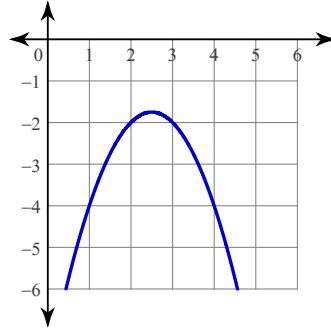
18)



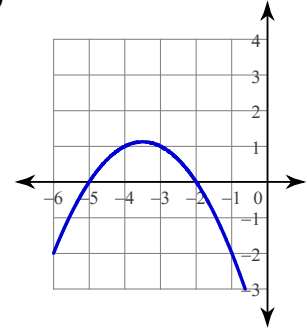
19)



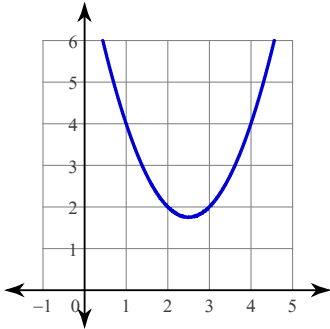
20)



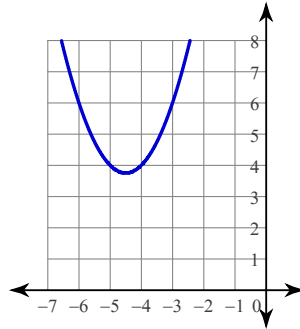
21)



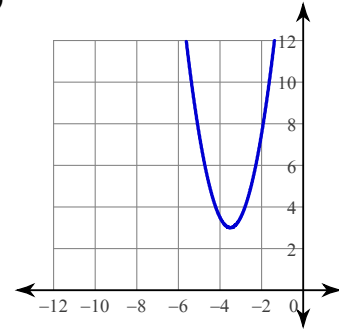
22)



23)



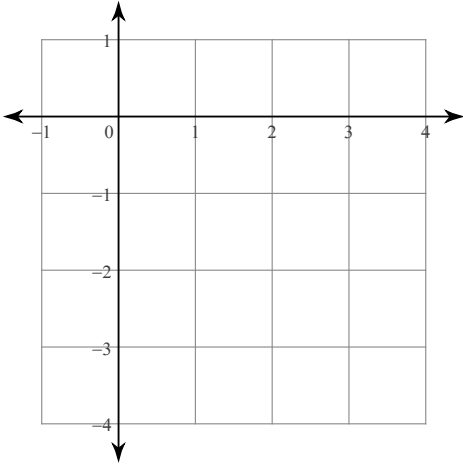
24)



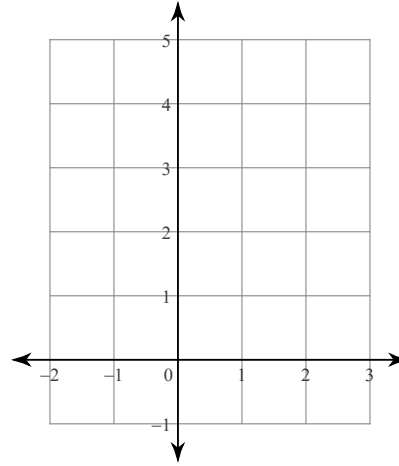
Assignment

Sketch the graph of each function.

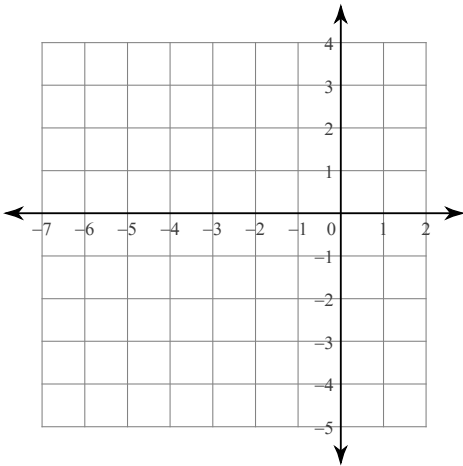
1) $y = x^2 - 3x - 1$



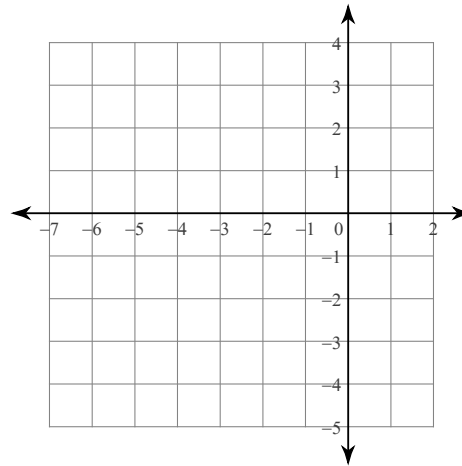
2) $y = x^2 - x + 1$



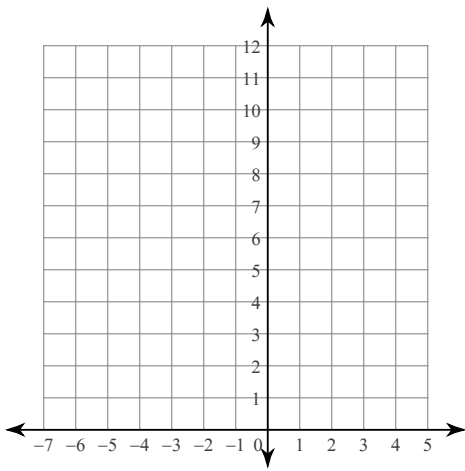
3) $y = 2x^2 + 6x$



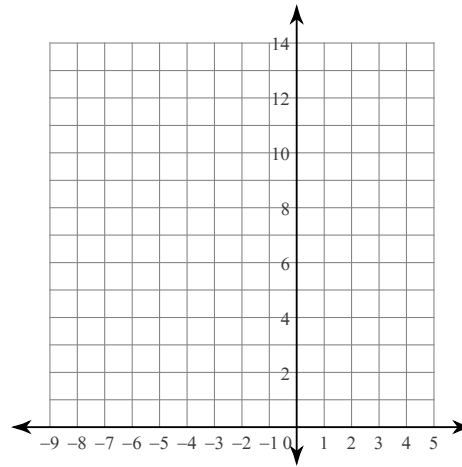
4) $y = -2x^2 - 18x - 37$



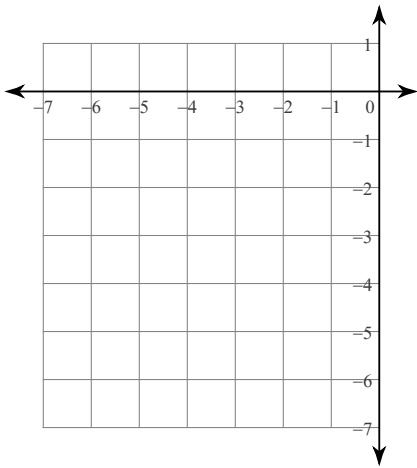
$$5) y = 2x^2 - 10x + \frac{31}{2}$$



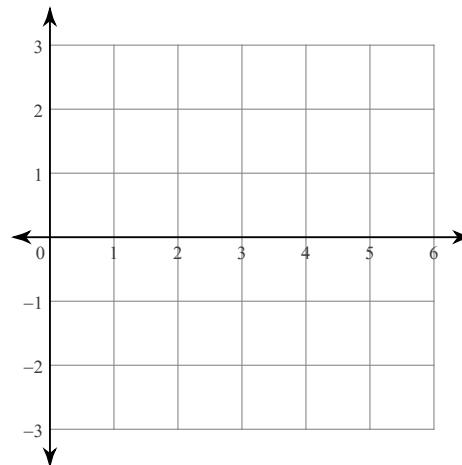
$$6) y = 3x^2 + 21x + 38$$



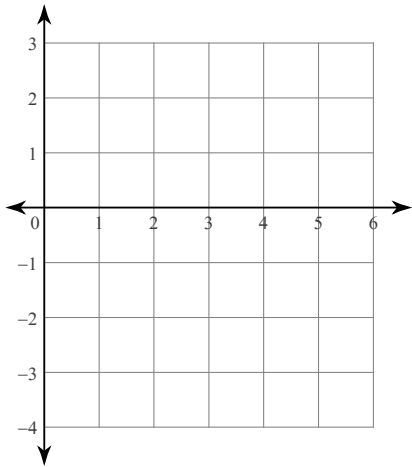
$$7) y = -x^2 - 9x - 22$$



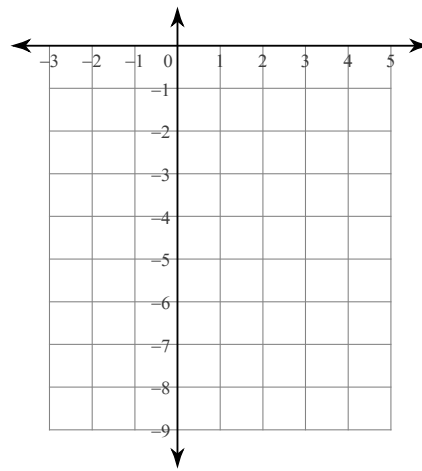
$$8) y = x^2 - 7x + \frac{41}{4}$$



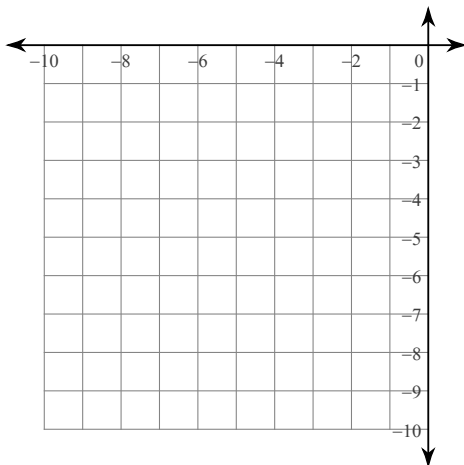
9) $y = -x^2 + 7x - 11$



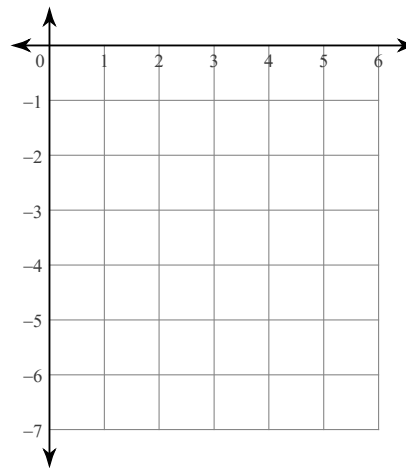
10) $y = -x^2 + 5x - \frac{41}{4}$



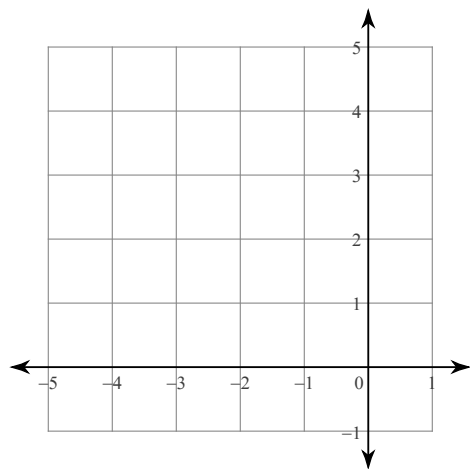
11) $y = -2x^2 - 14x - \frac{51}{2}$



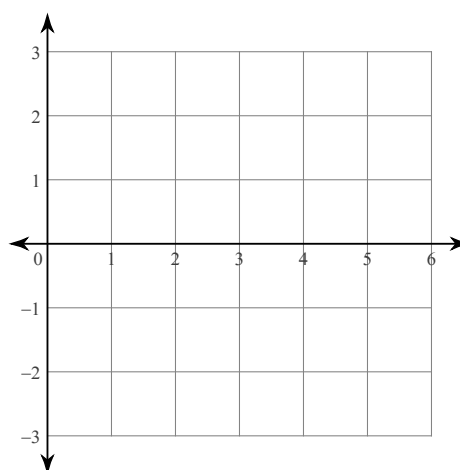
12) $y = -x^2 + 7x - 15$



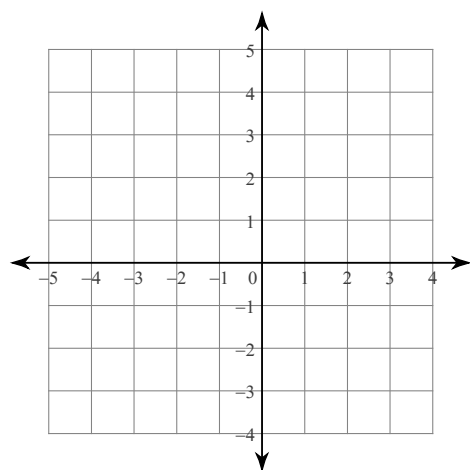
13) $y = -x^2 - 5x - 2$



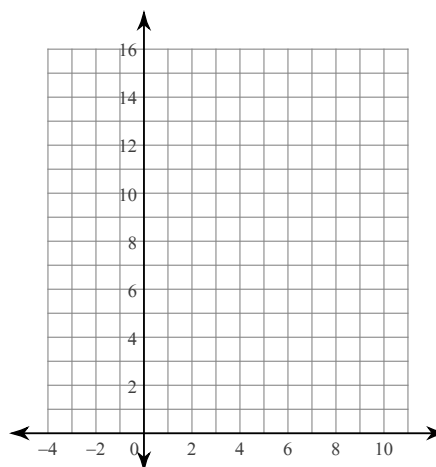
14) $y = -x^2 + 7x - \frac{41}{4}$



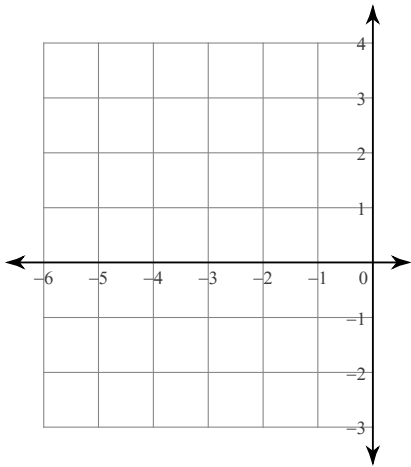
15) $y = -2x^2 + 6x$



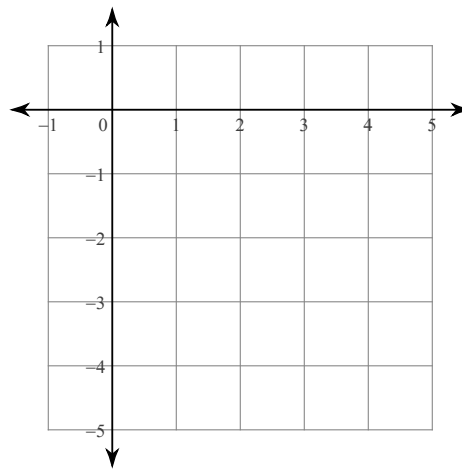
16) $y = 3x^2 + 9x + \frac{39}{4}$



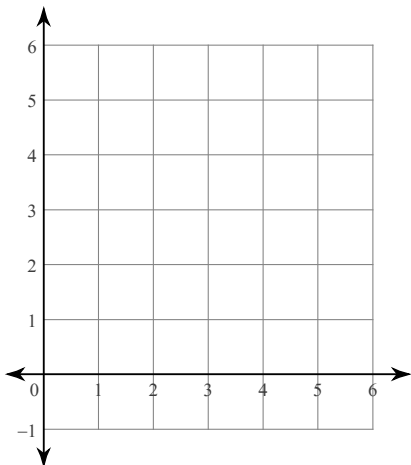
17) $y = x^2 + 7x + 11$



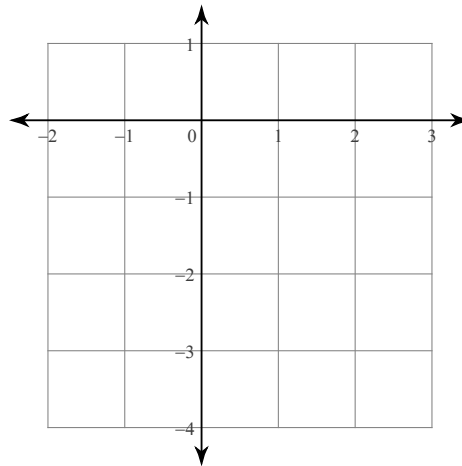
18) $y = \frac{1}{2}x^2 - \frac{5}{2}x$



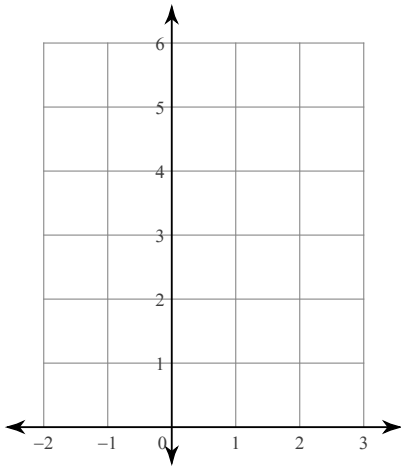
19) $y = \frac{1}{2}x^2 - \frac{7}{2}x + 9$



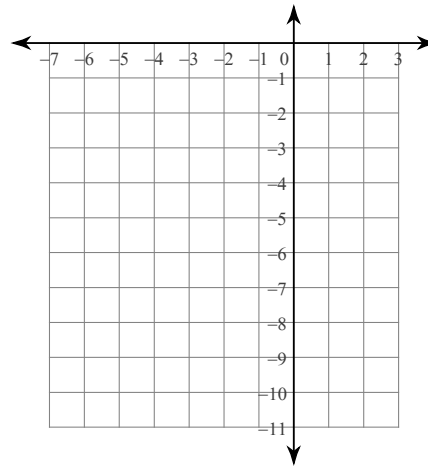
20) $y = x^2 - x - 3$



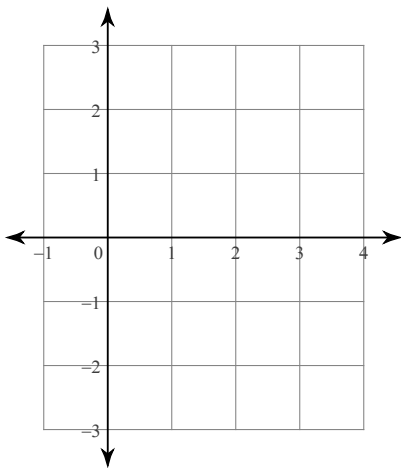
21) $y = x^2 - x + 2$



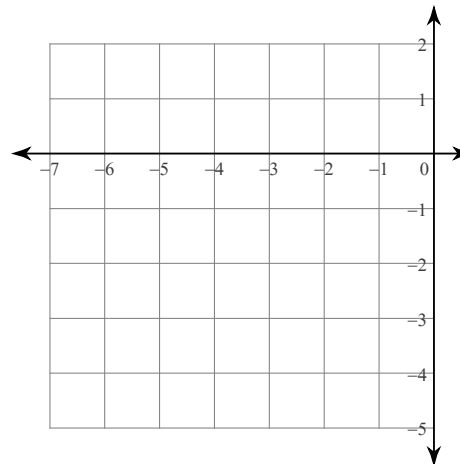
22) $y = -2x^2 - 14x - 27$



23) $y = \frac{1}{2}x^2 - \frac{3}{2}x + \frac{1}{8}$

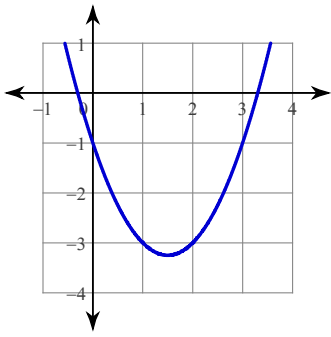


24) $y = x^2 + 9x + 17$

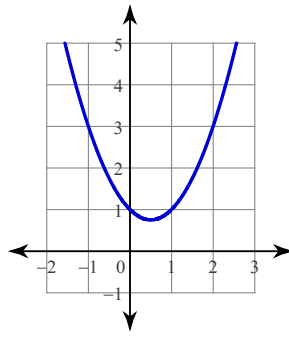


Answers to Assignment (ID: 4)

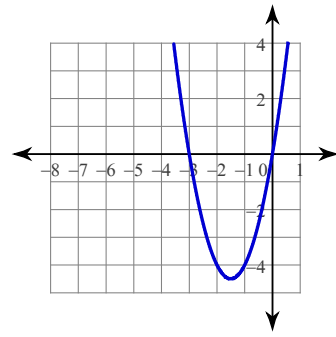
1)



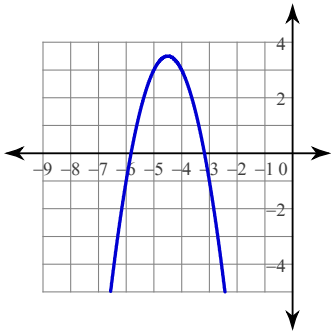
2)



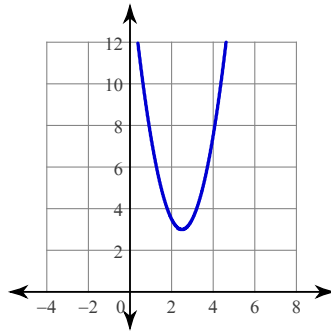
3)



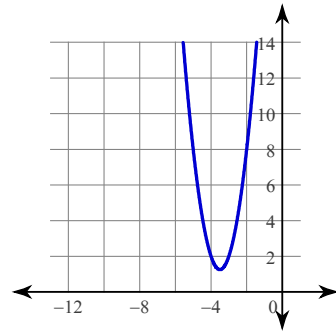
4)



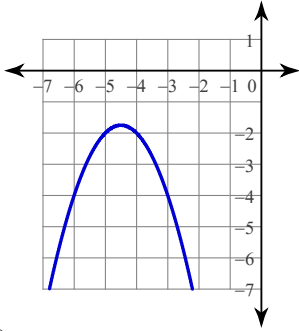
5)



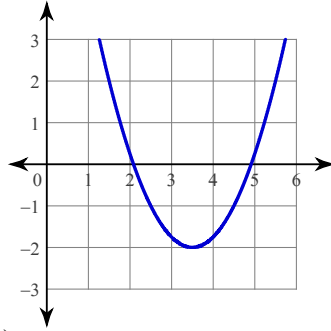
6)



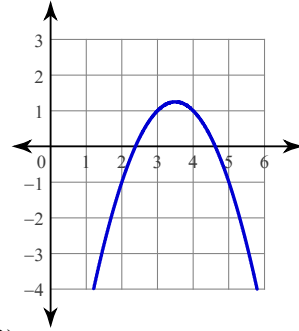
7)



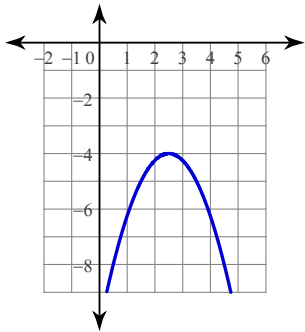
8)



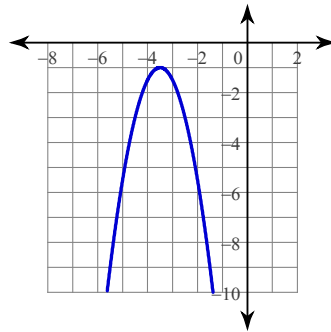
9)



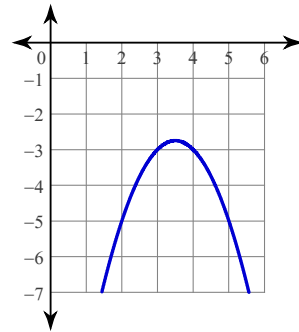
10)



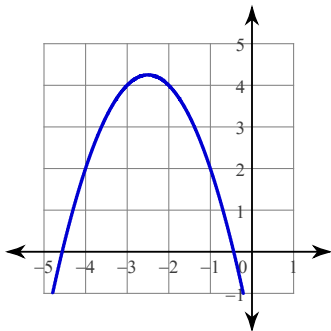
11)



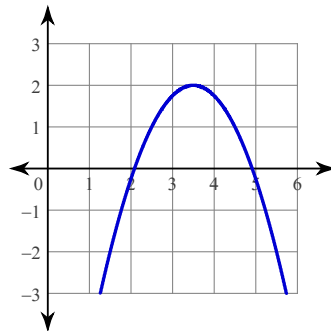
12)



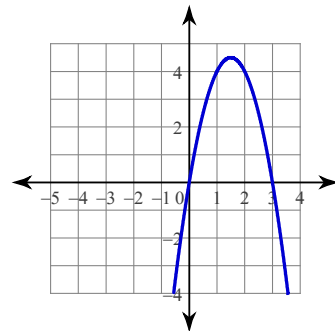
13)



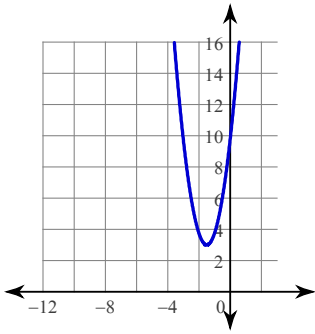
14)



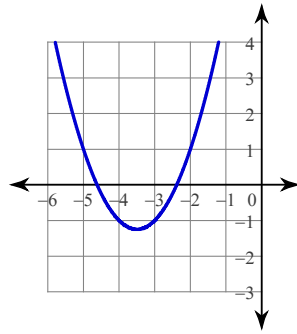
15)



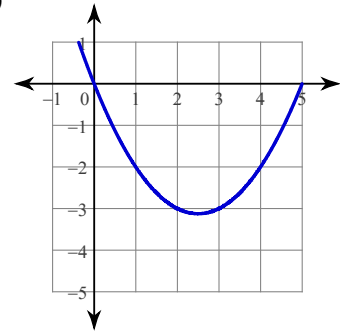
16)



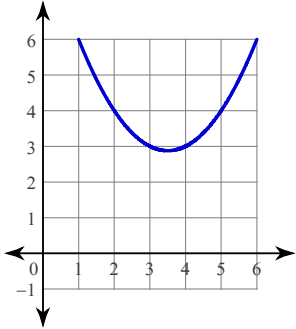
17)



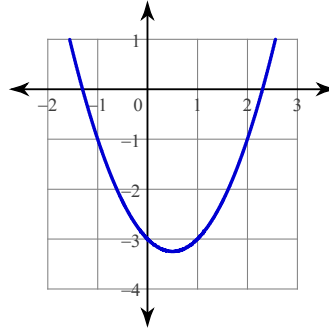
18)



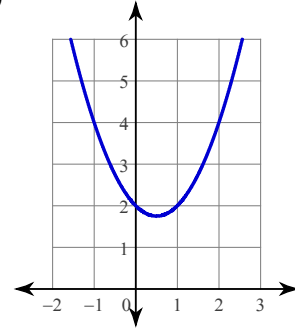
19)



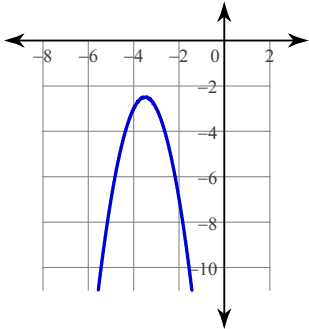
20)



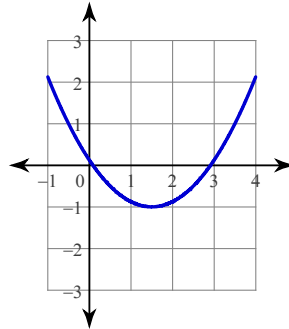
21)



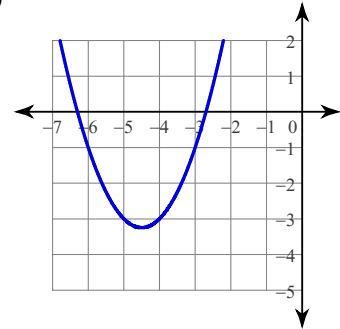
22)



23)



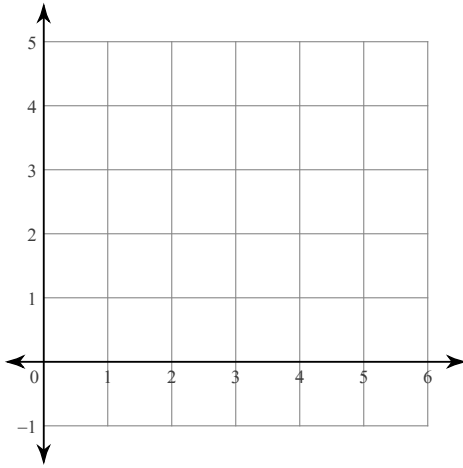
24)



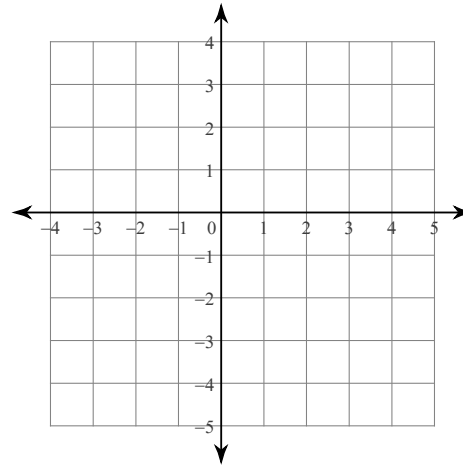
Assignment

Sketch the graph of each function.

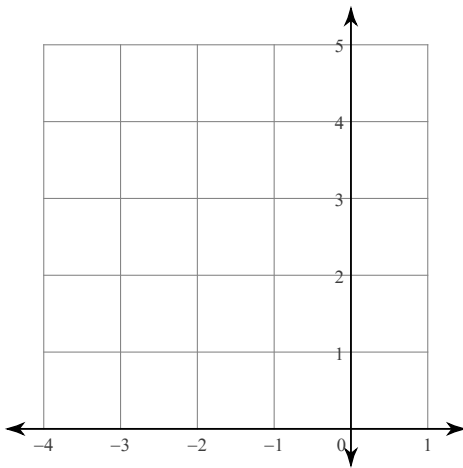
1) $y = x^2 - 7x + 13$



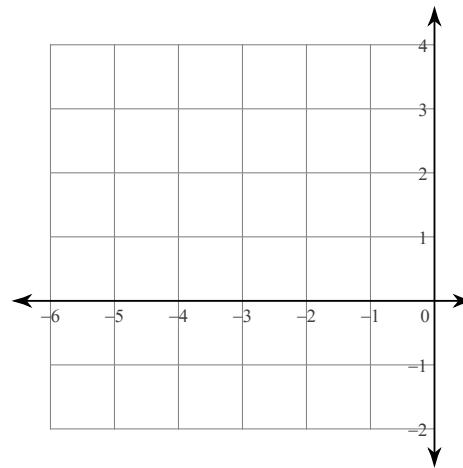
2) $y = -2x^2 + 2x + 3$



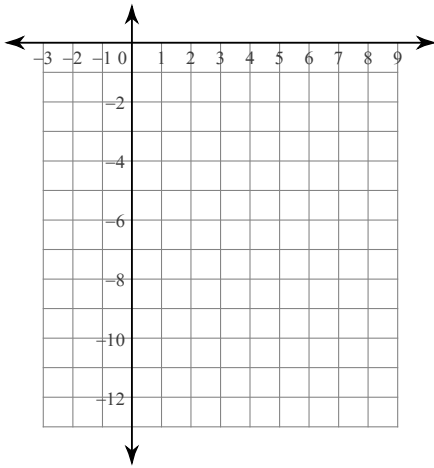
3) $y = \frac{1}{2}x^2 + \frac{3}{2}x + 4$



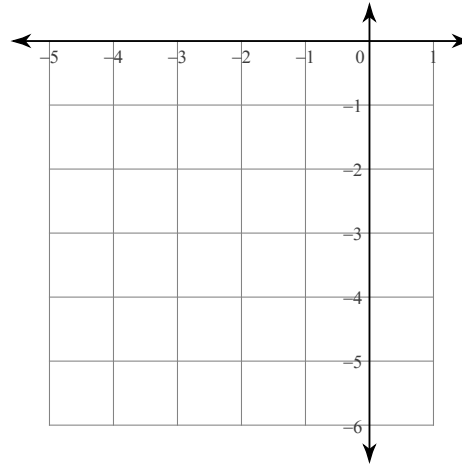
4) $y = -\frac{1}{2}x^2 - \frac{7}{2}x - \frac{33}{8}$



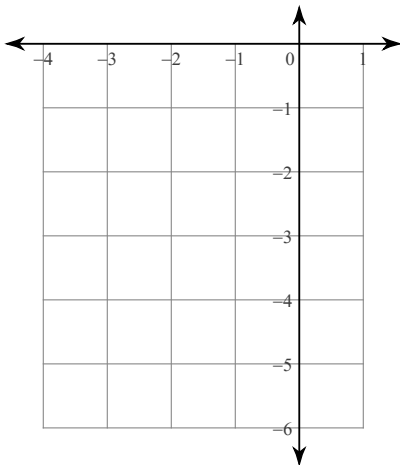
$$5) y = -2x^2 + 14x - \frac{57}{2}$$



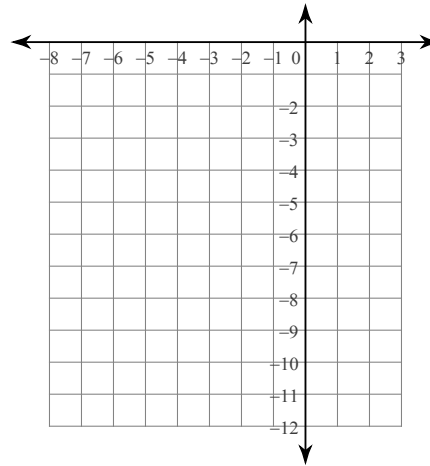
$$6) y = -x^2 - 5x - 8$$



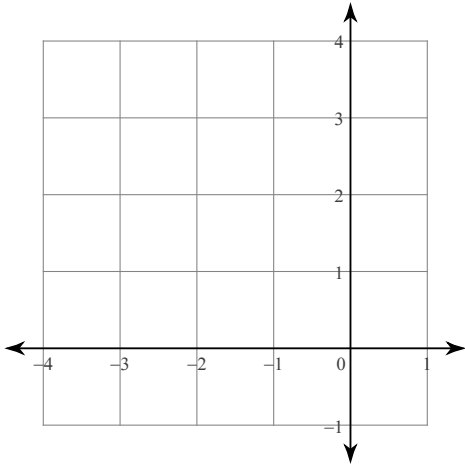
$$7) y = -x^2 - 3x - \frac{13}{4}$$



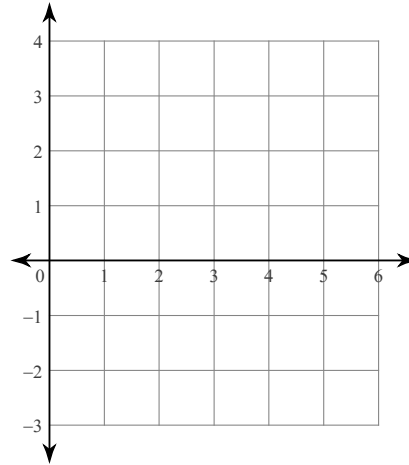
$$8) y = -2x^2 - 18x - 44$$



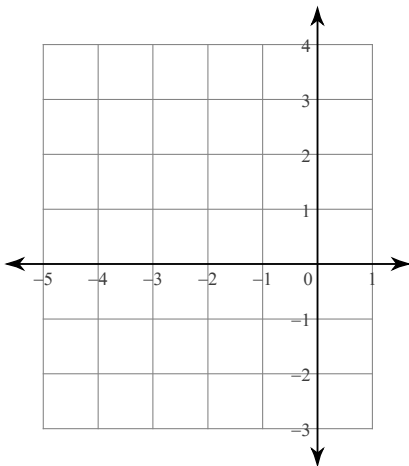
9) $y = -x^2 - 3x + 1$



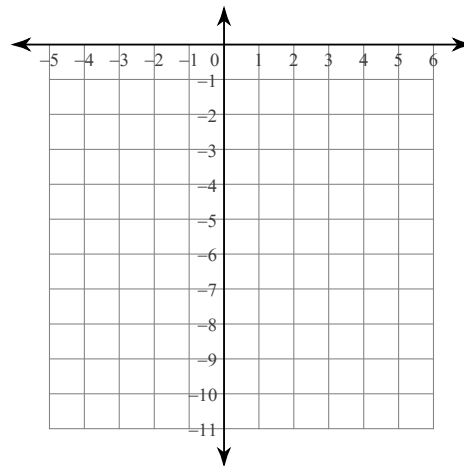
10) $y = -x^2 + 7x - 10$



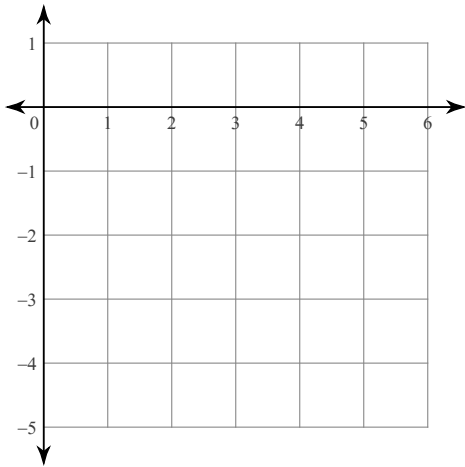
11) $y = -x^2 - 5x - 4$



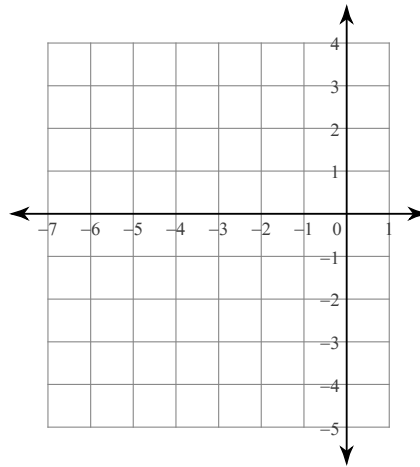
12) $y = -2x^2 + 2x - 3$



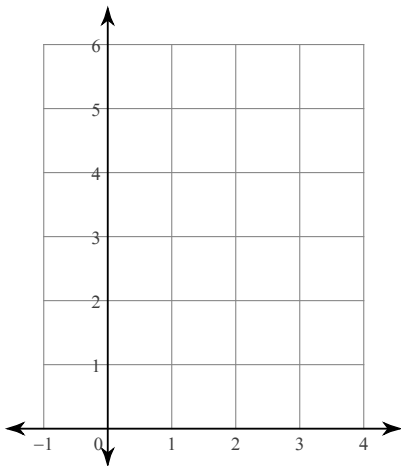
13) $y = x^2 - 7x + 8$



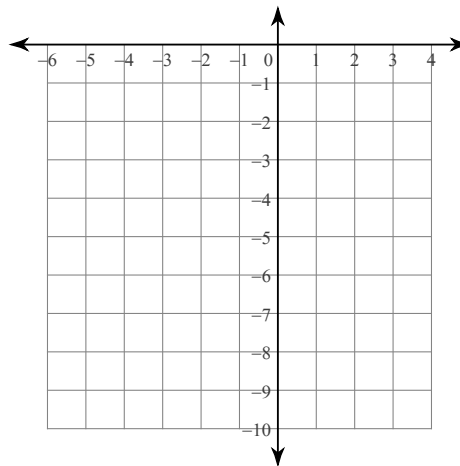
14) $y = 2x^2 + 14x + 20$



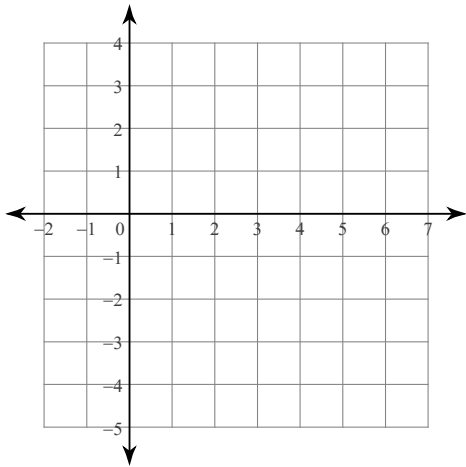
15) $y = x^2 - 3x + 4$



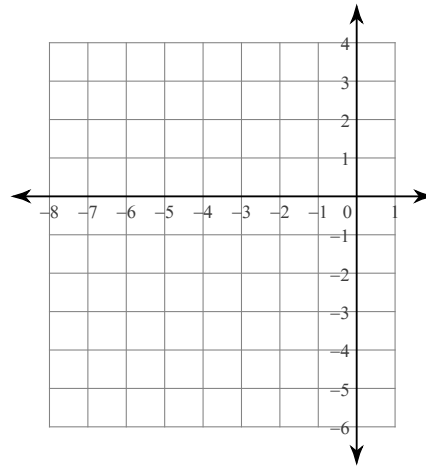
16) $y = -2x^2 - 10x - 14$



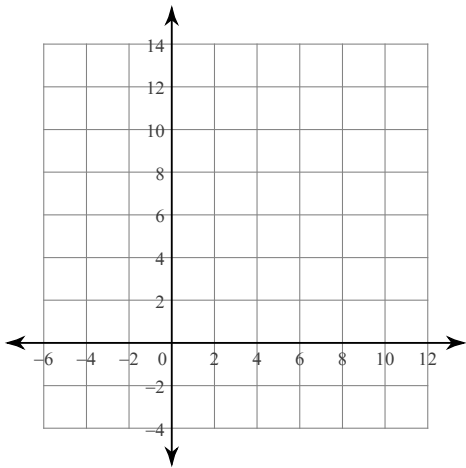
17) $y = 2x^2 - 6x$



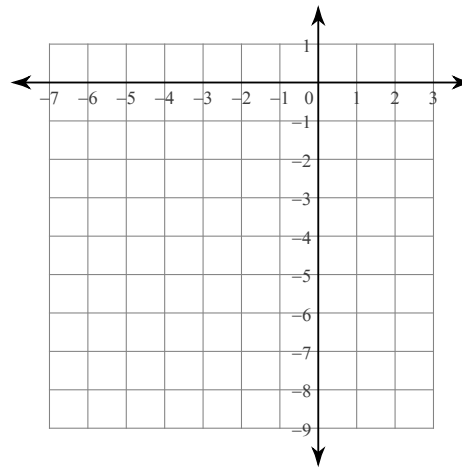
18) $y = -2x^2 - 18x - \frac{75}{2}$



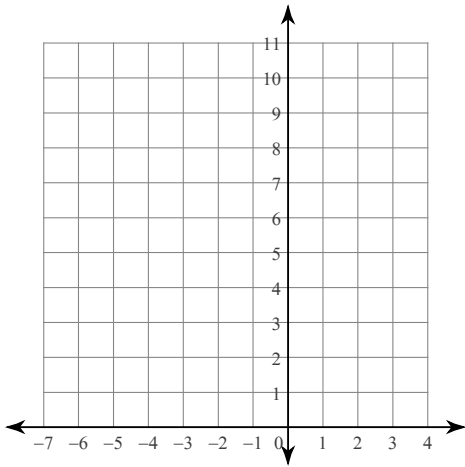
19) $y = 4x^2 + 20x + 22$



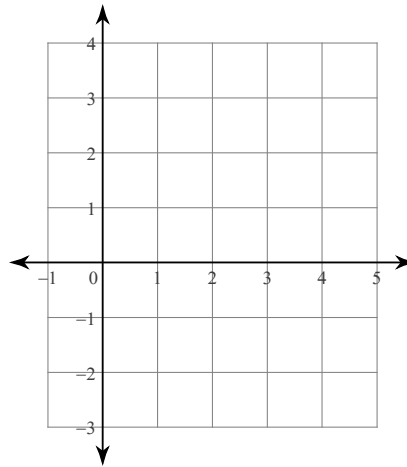
20) $y = -2x^2 - 10x - 13$



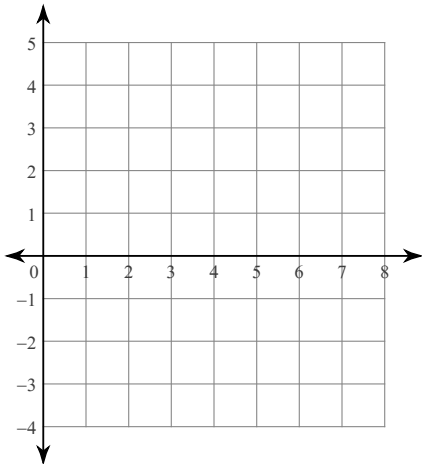
21) $y = 2x^2 - 6x + 7$



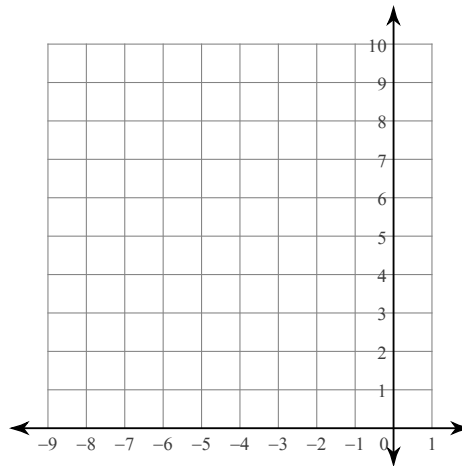
22) $y = x^2 - 5x + 5$



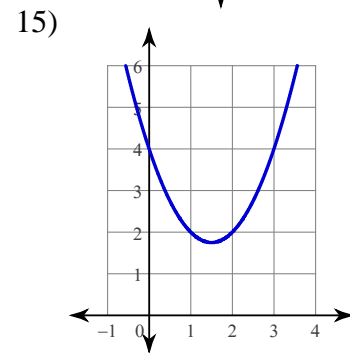
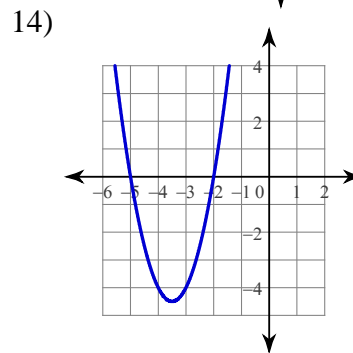
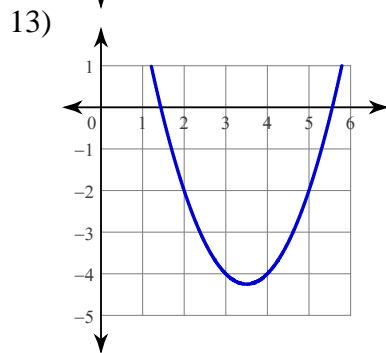
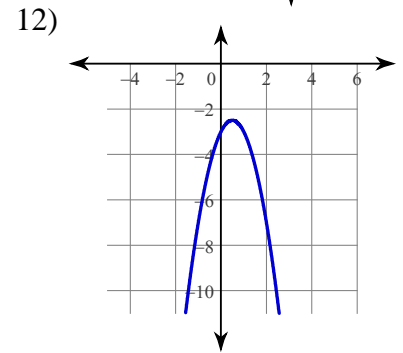
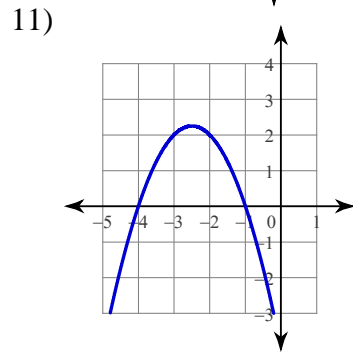
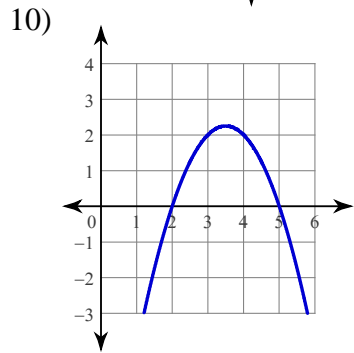
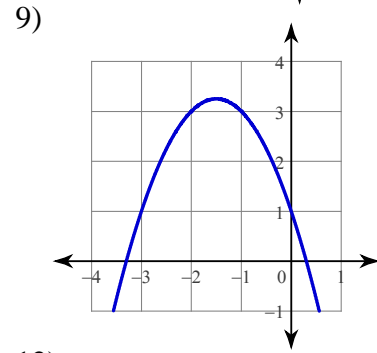
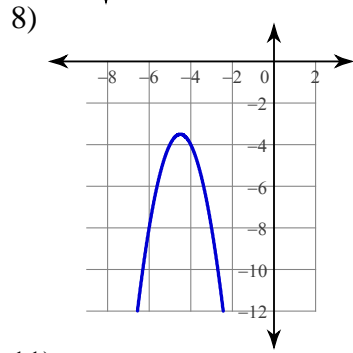
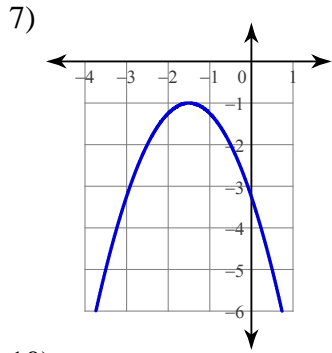
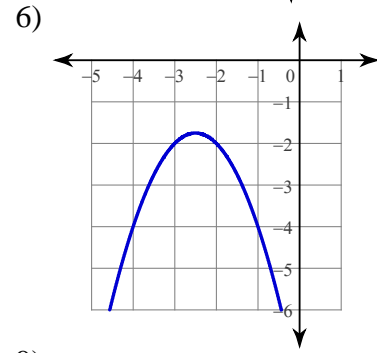
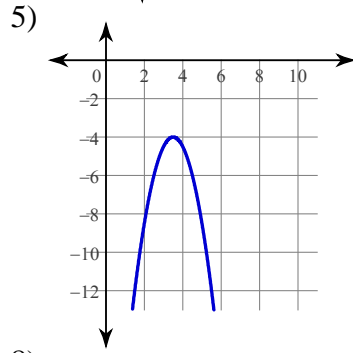
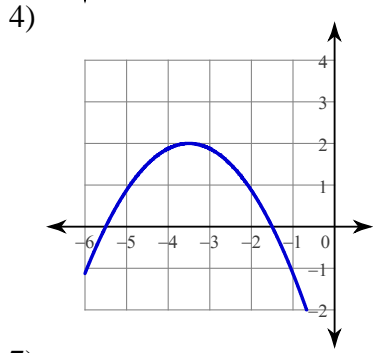
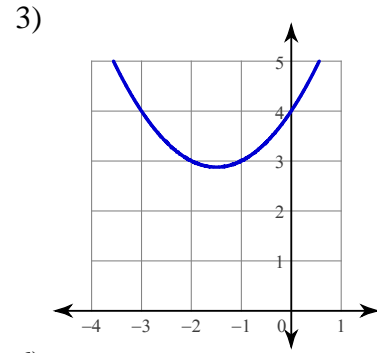
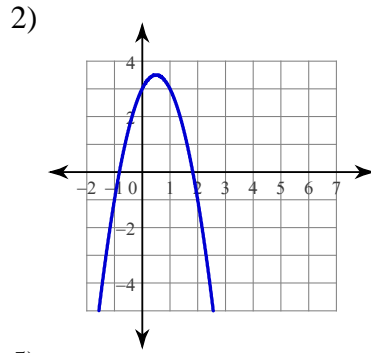
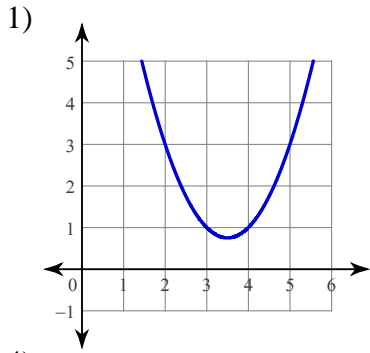
23) $y = -2x^2 + 14x - 20$

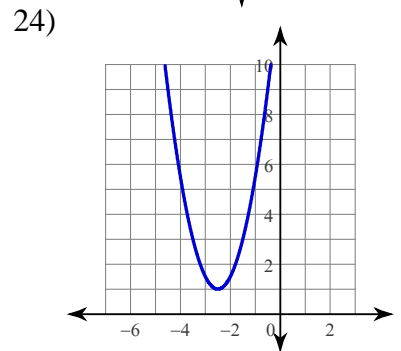
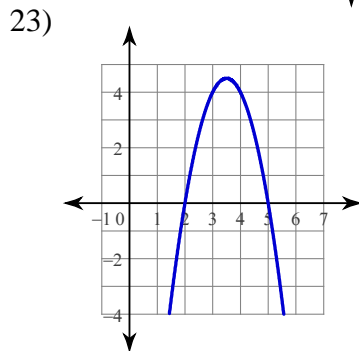
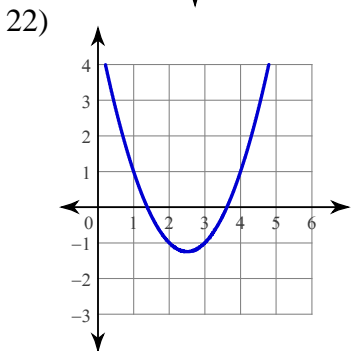
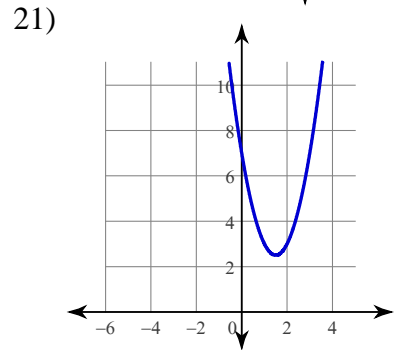
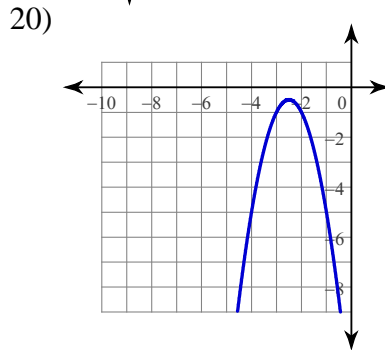
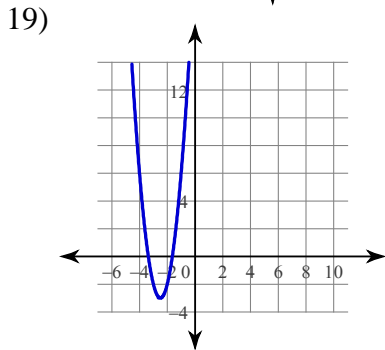
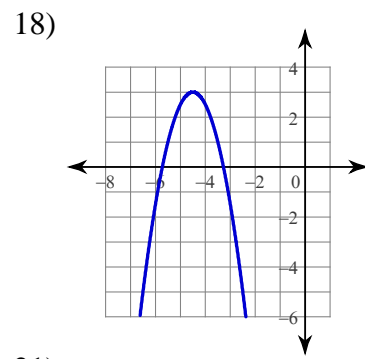
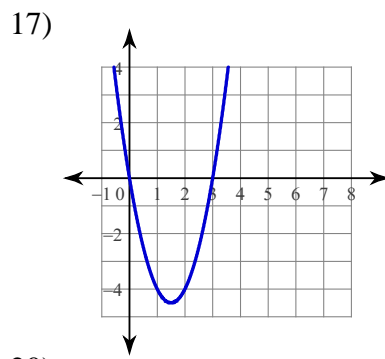
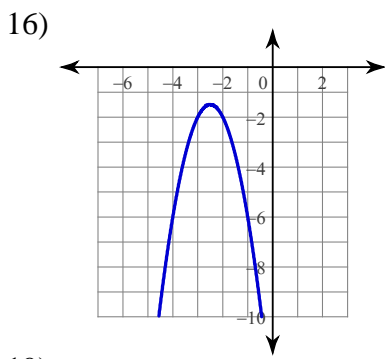


24) $y = 2x^2 + 10x + \frac{27}{2}$



Answers to Assignment (ID: 5)

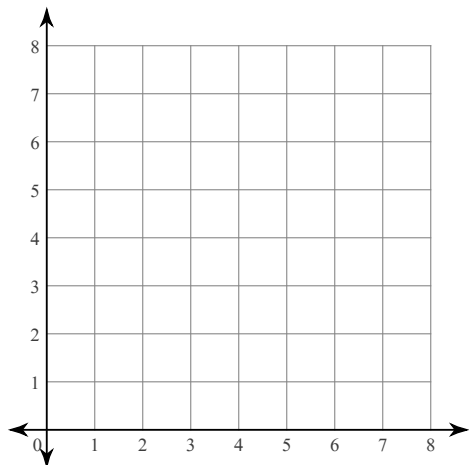




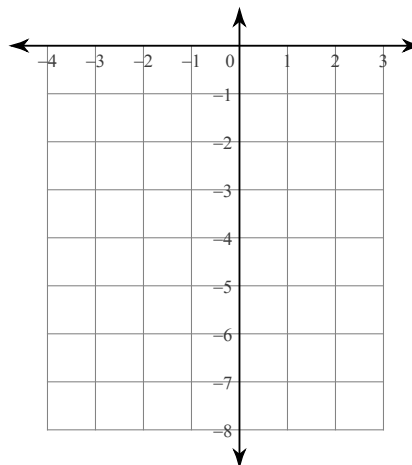
Assignment

Sketch the graph of each function.

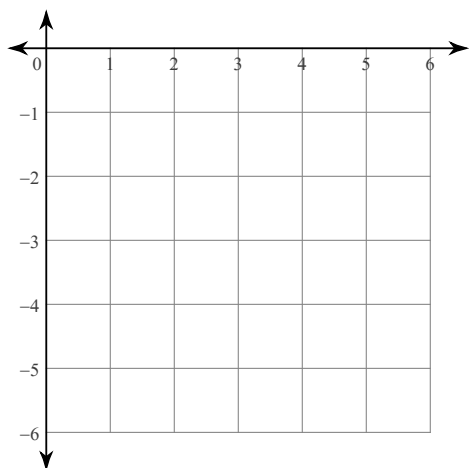
1) $y = x^2 - 5x + 10$



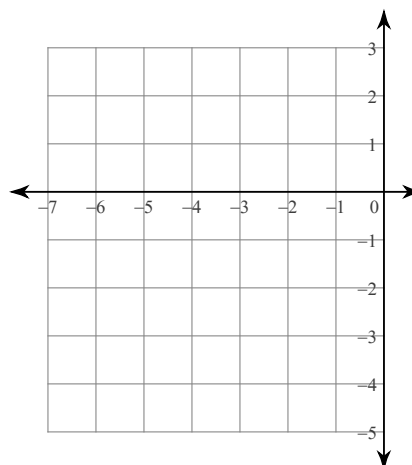
2) $y = -x^2 - 3x - 6$



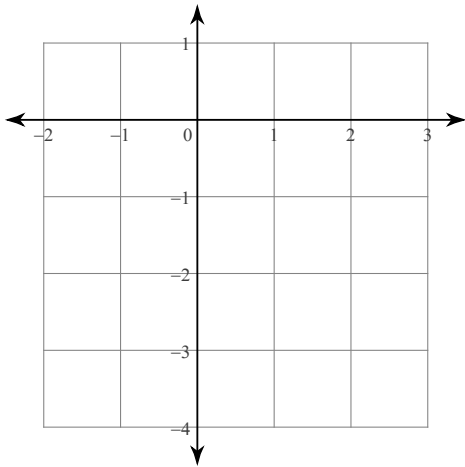
3) $y = -x^2 + 5x - 8$



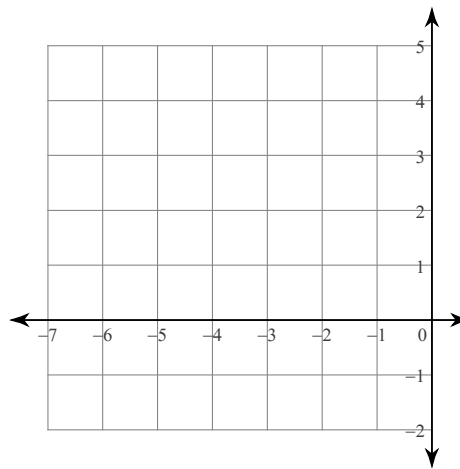
4) $y = \frac{1}{3}x^2 + 3x + \frac{19}{4}$



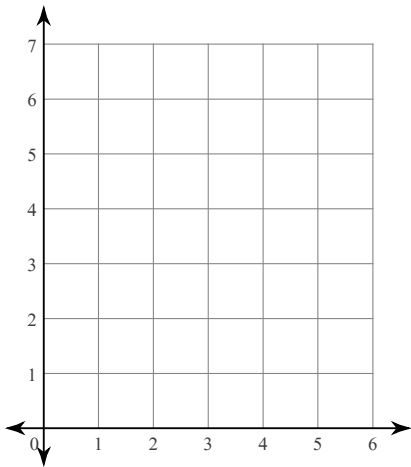
5) $y = -x^2 + x$



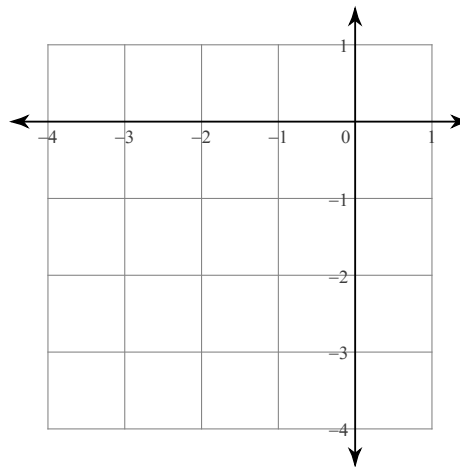
6) $y = \frac{1}{3}x^2 + 3x + 8$



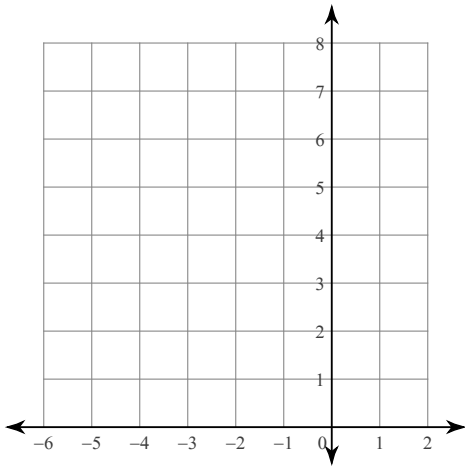
7) $y = x^2 - 7x + 15$



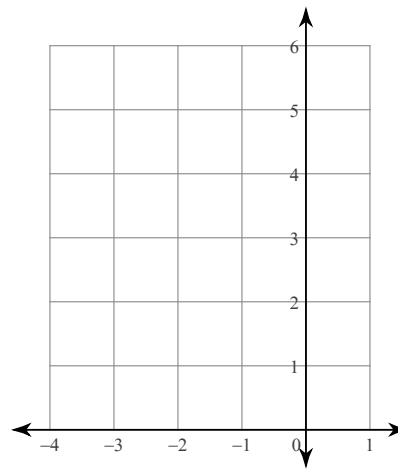
8) $y = \frac{1}{3}x^2 + x - 2$



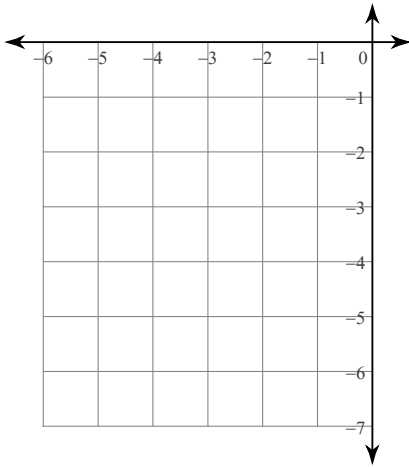
9) $y = x^2 + 5x + 10$



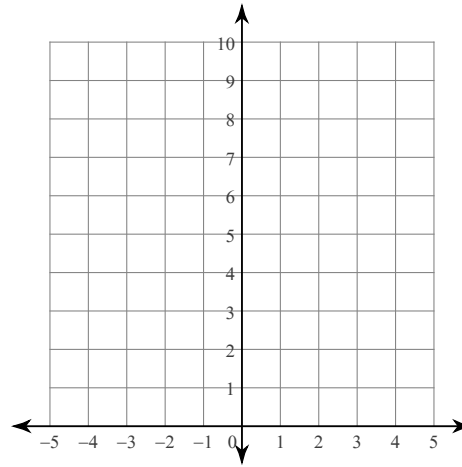
10) $y = x^2 + 3x + \frac{13}{4}$



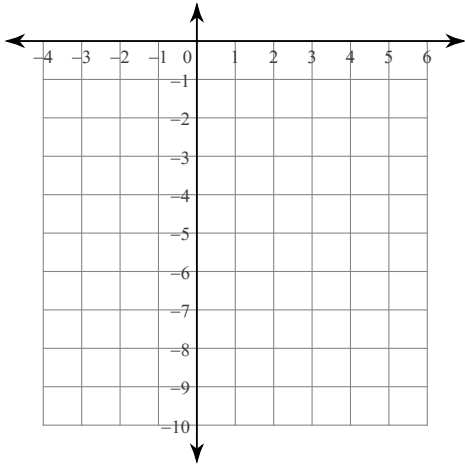
11) $y = -x^2 - 7x - 15$



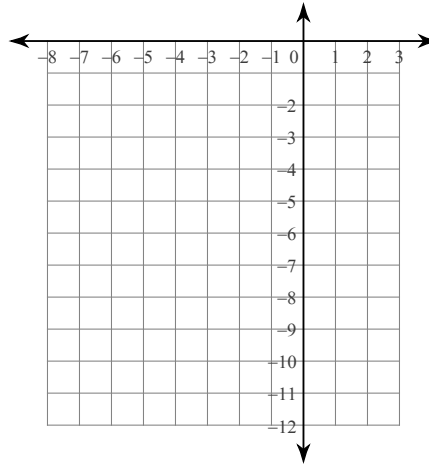
12) $y = 2x^2 - 10x + 14$



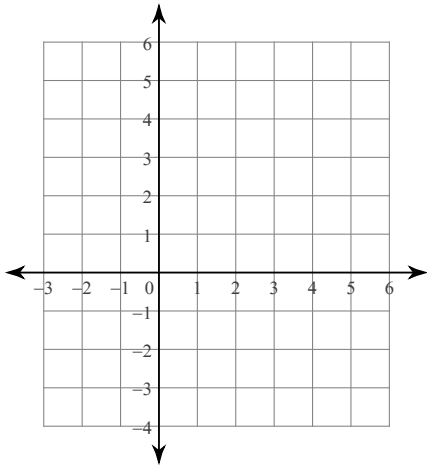
13) $y = -2x^2 + 14x - 26$



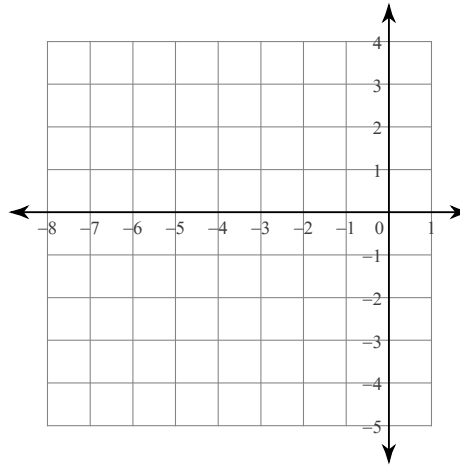
14) $y = -2x^2 - 6x - 8$



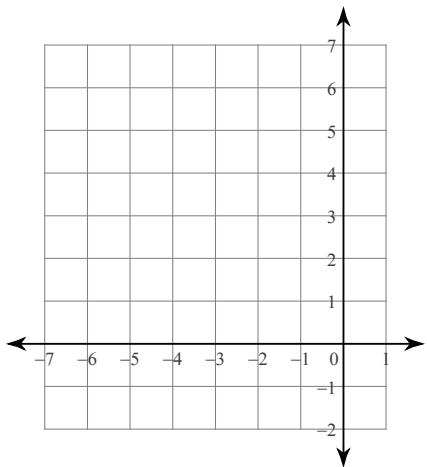
15) $y = 2x^2 - 6x + \frac{3}{2}$



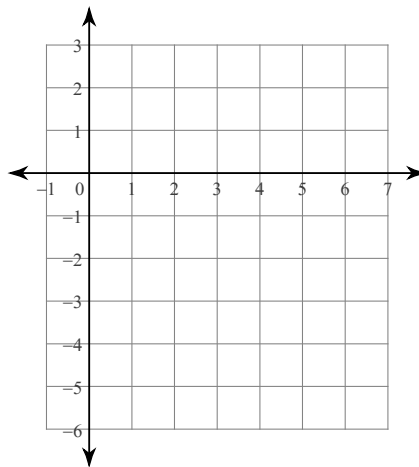
16) $y = -2x^2 - 18x - 37$



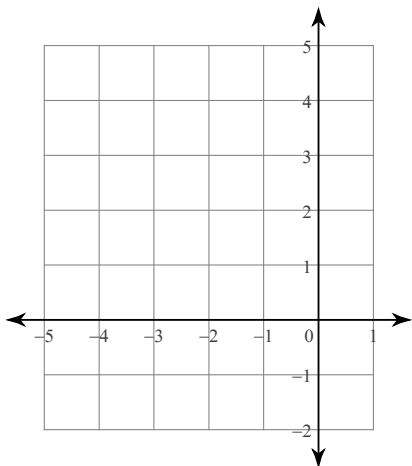
17) $y = 2x^2 + 10x + 11$



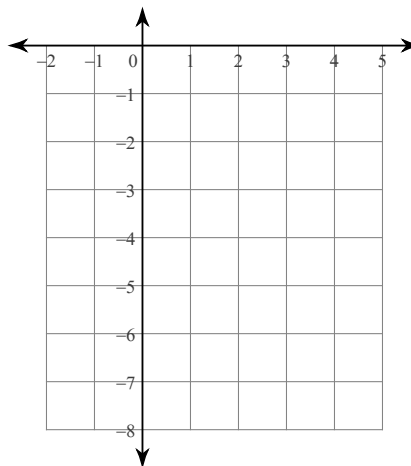
18) $y = -2x^2 + 10x - 10$



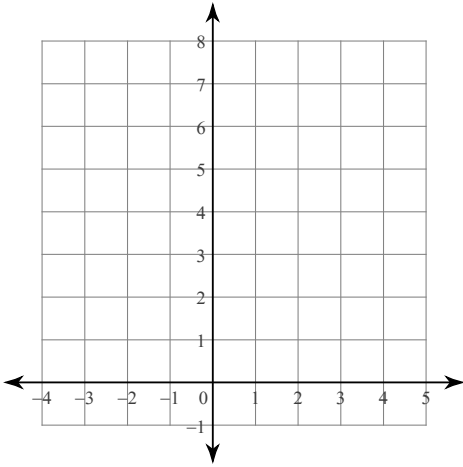
19) $y = -x^2 - 5x - 3$



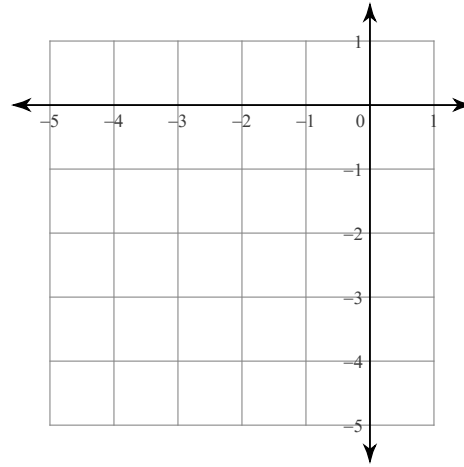
20) $y = -x^2 + x - 4$



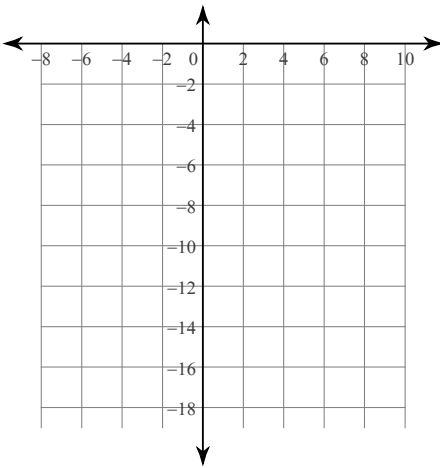
21) $y = 2x^2 - 2x$



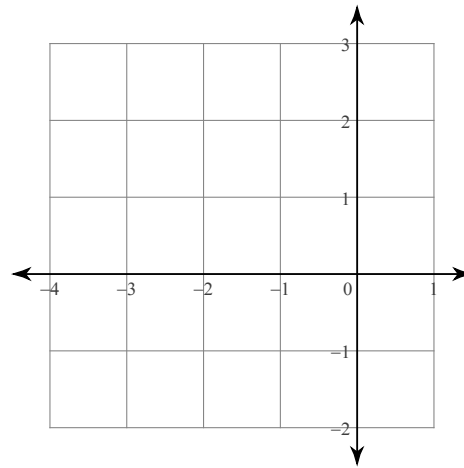
22) $y = x^2 + 5x + 2$



23) $y = -4x^2 + 20x - 27$

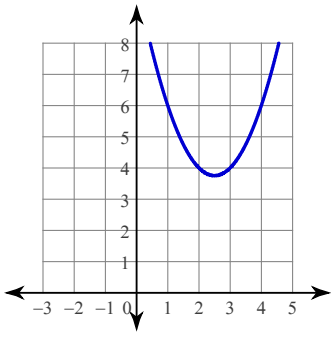


24) $y = x^2 + 3x + 1$

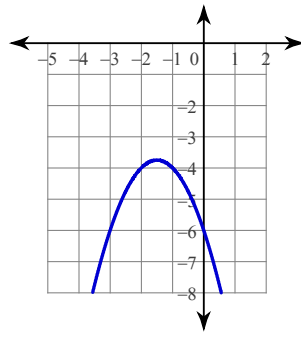


Answers to Assignment (ID: 6)

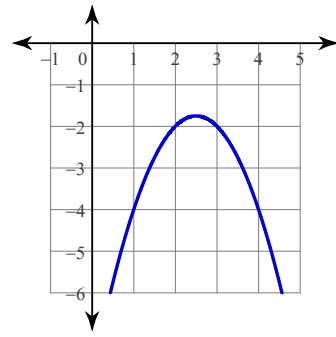
1)



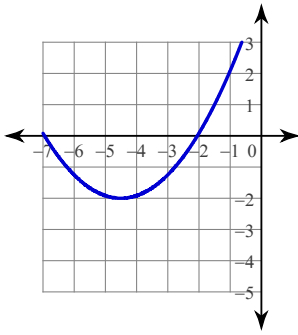
2)



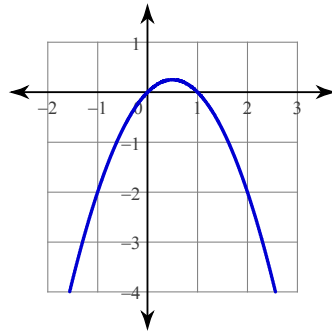
3)



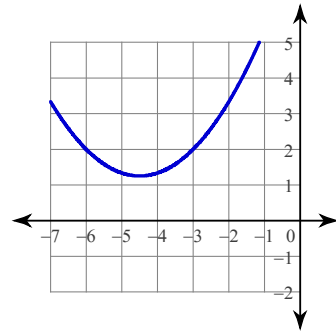
4)



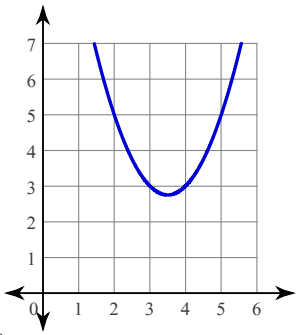
5)



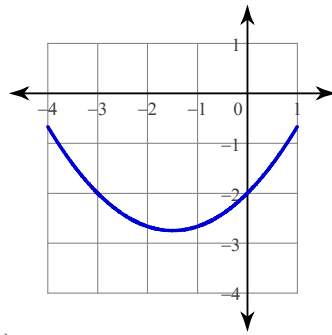
6)



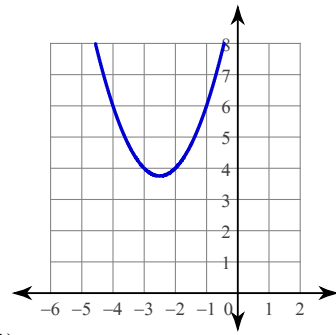
7)



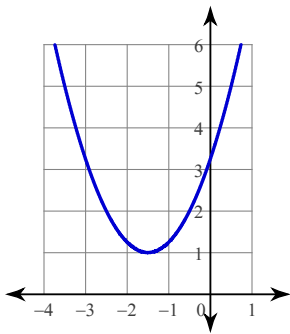
8)



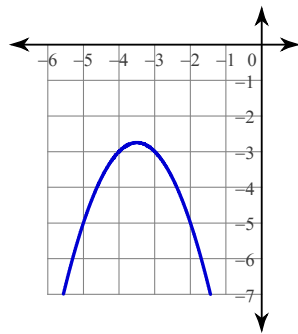
9)



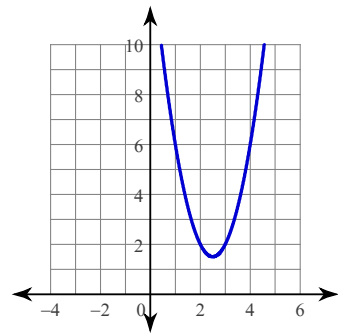
10)



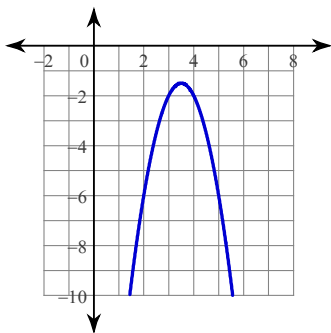
11)



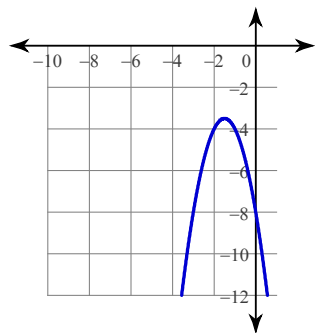
12)



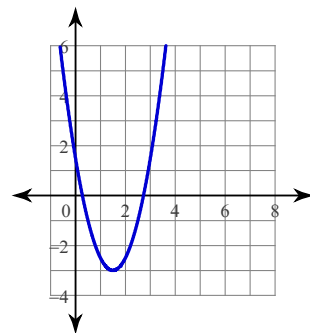
13)



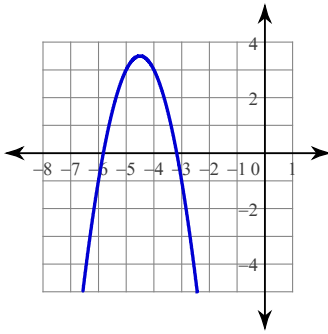
14)



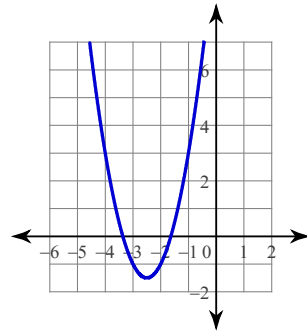
15)



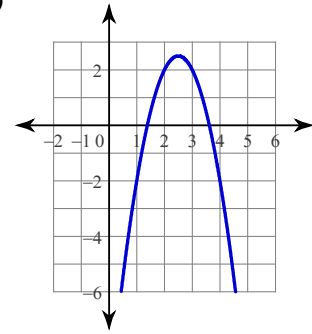
16)



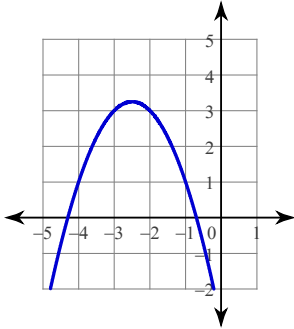
17)



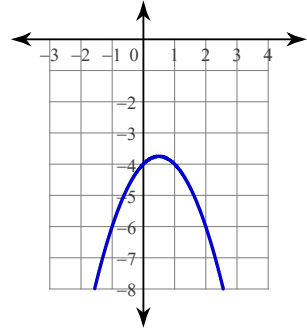
18)



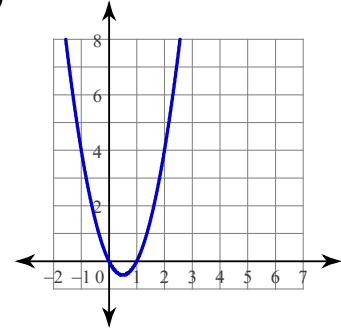
19)



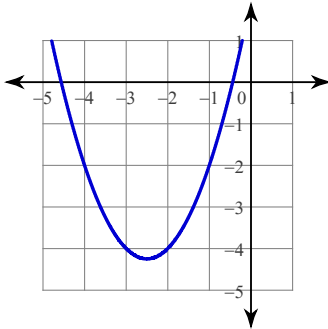
20)



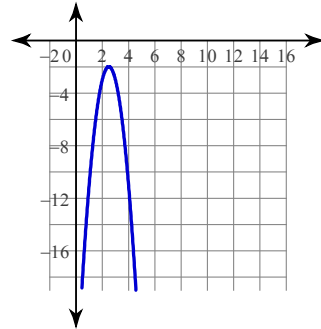
21)



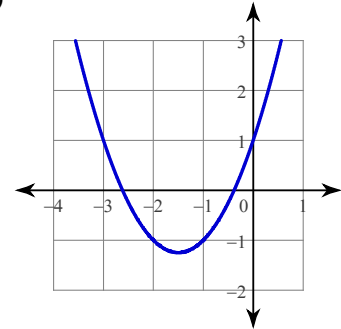
22)



23)



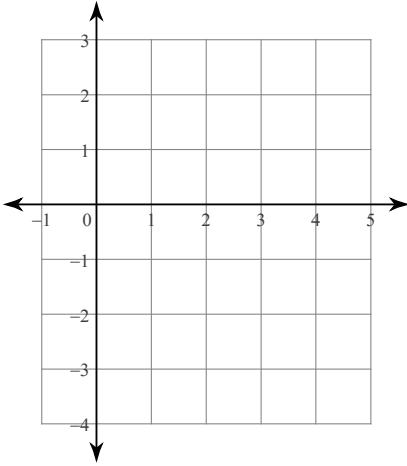
24)



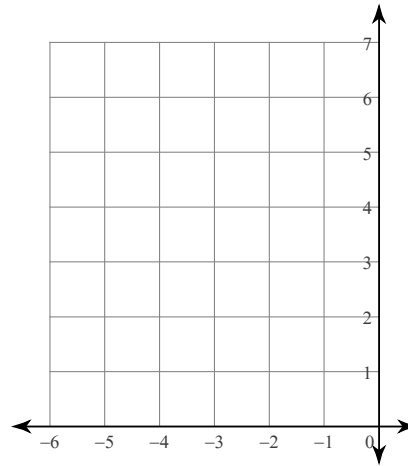
Assignment

Sketch the graph of each function.

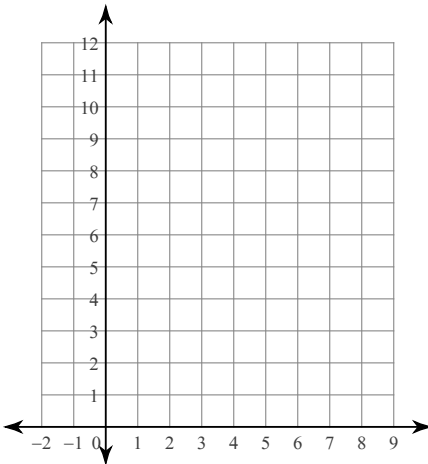
1) $y = x^2 - 5x + 4$



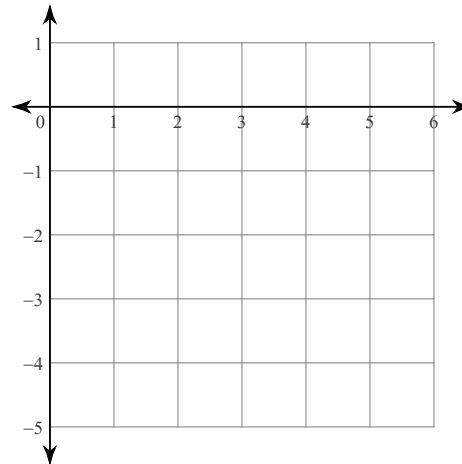
2) $y = x^2 + 7x + \frac{57}{4}$



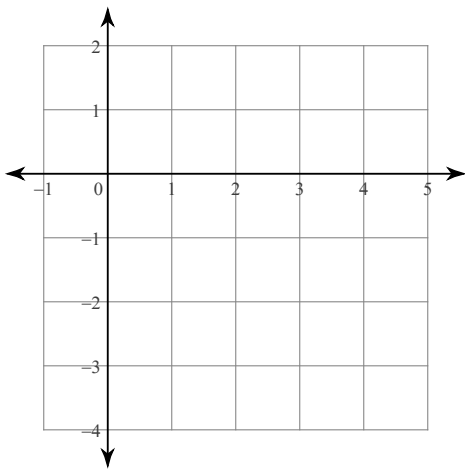
3) $y = 2x^2 - 6x + 8$



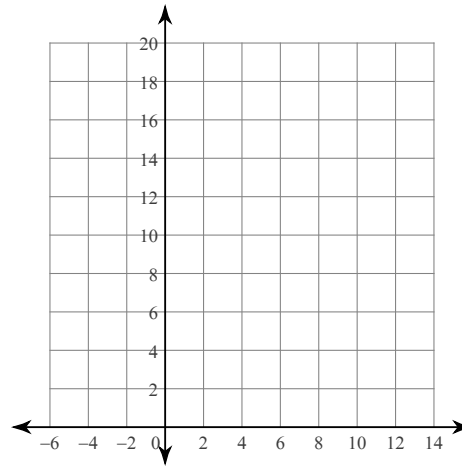
4) $y = x^2 - 5x + 2$



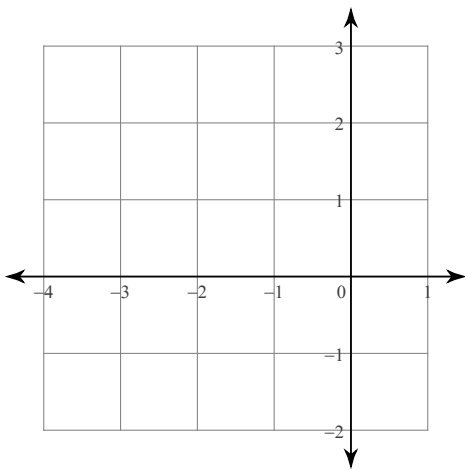
$$5) y = x^2 - 5x + \frac{13}{4}$$



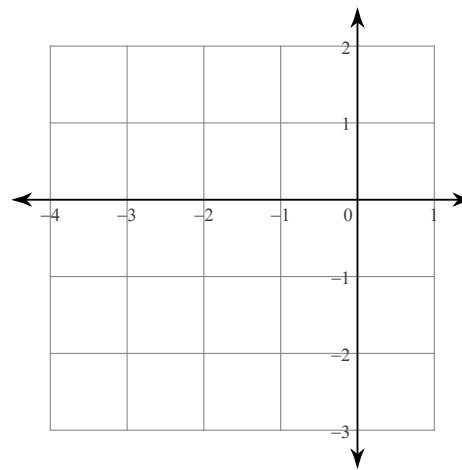
$$6) y = 4x^2 + 20x + 28$$



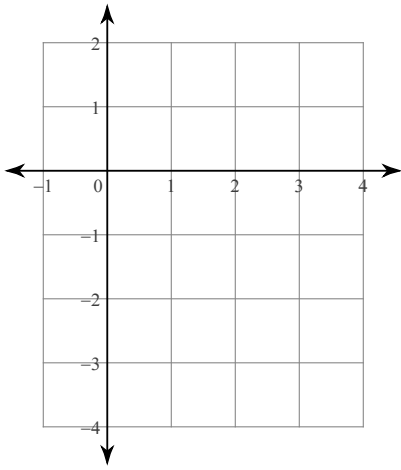
$$7) y = x^2 + 3x + 1$$



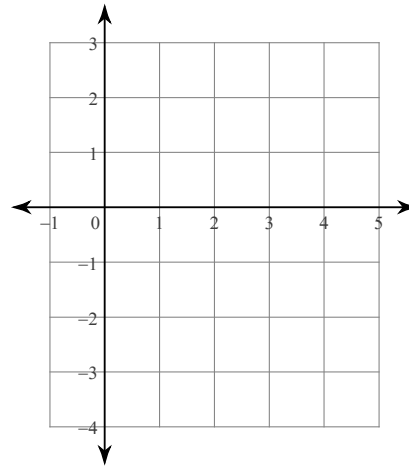
$$8) y = x^2 + 3x$$



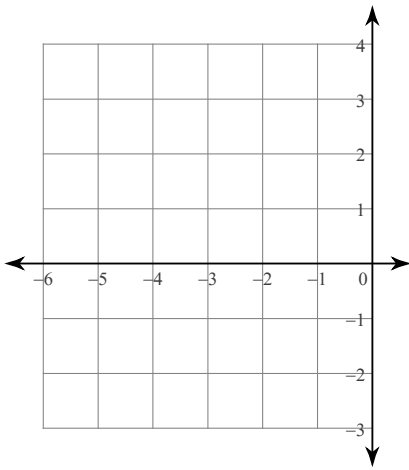
$$9) y = -\frac{1}{2}x^2 + \frac{3}{2}x - 2$$



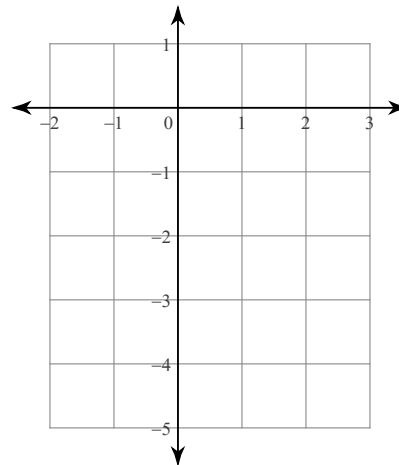
$$10) y = \frac{1}{4}x^2 - \frac{5}{4}x + \frac{9}{16}$$



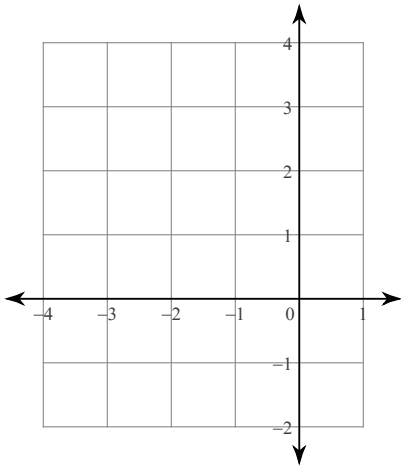
$$11) y = -x^2 - 7x - 10$$



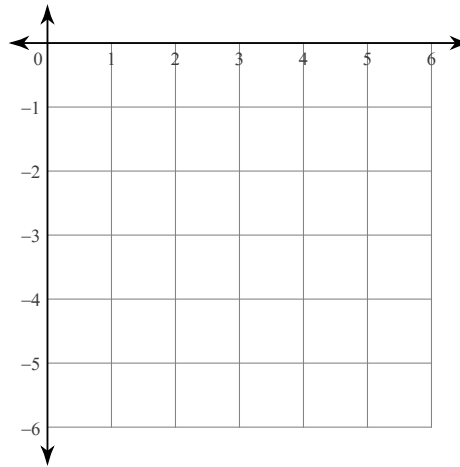
$$12) y = \frac{1}{2}x^2 - \frac{1}{2}x - 3$$



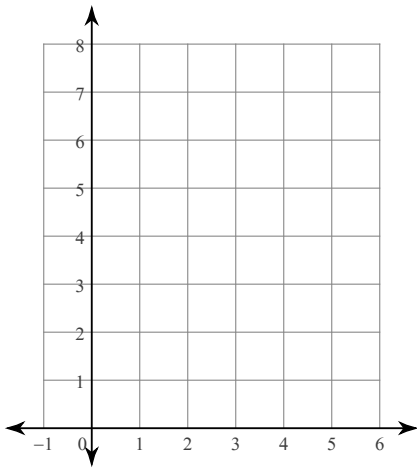
$$13) y = -\frac{1}{2}x^2 - \frac{3}{2}x + \frac{7}{8}$$



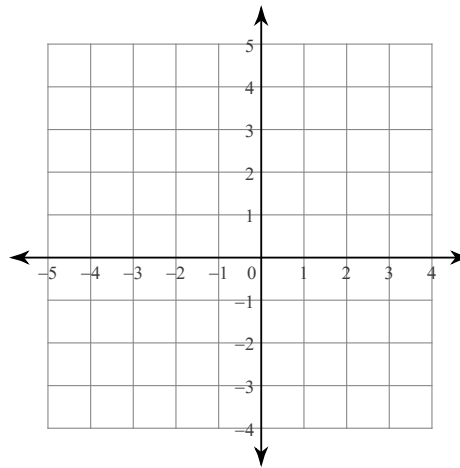
$$14) y = -x^2 + 7x - 14$$



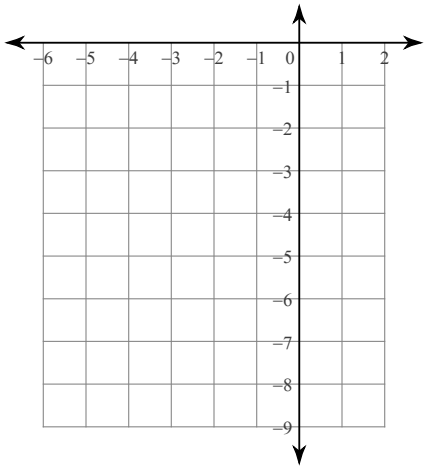
$$15) y = x^2 - 3x + 6$$



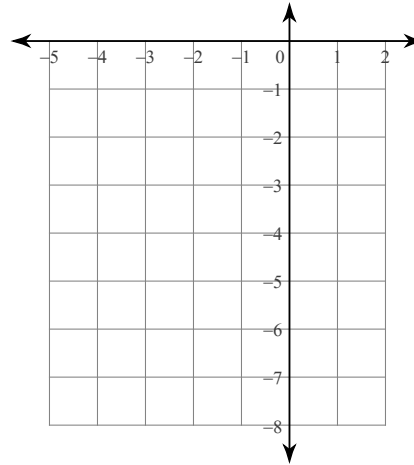
$$16) y = -2x^2 + 6x$$



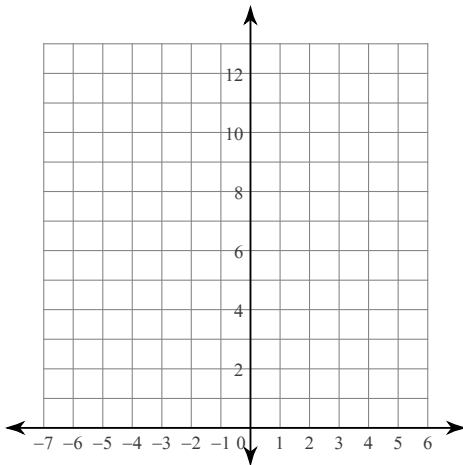
$$17) y = -x^2 - 5x - \frac{41}{4}$$



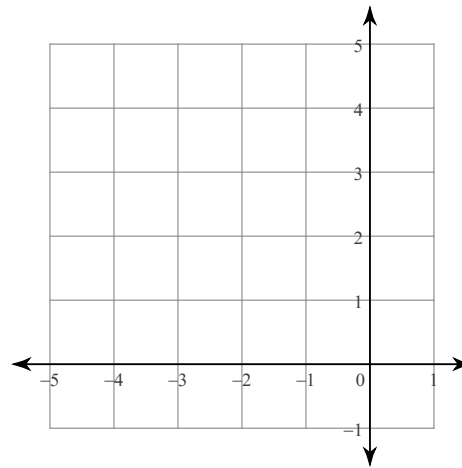
$$18) y = -x^2 - 3x - 6$$



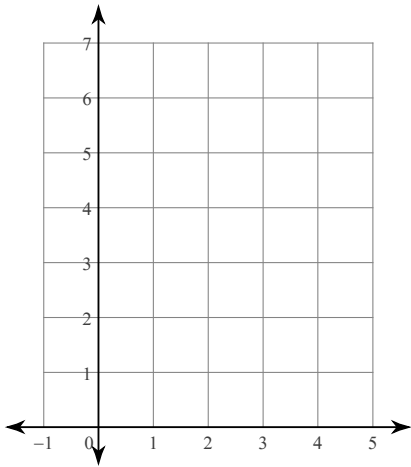
$$19) y = 2x^2 + 6x + \frac{17}{2}$$



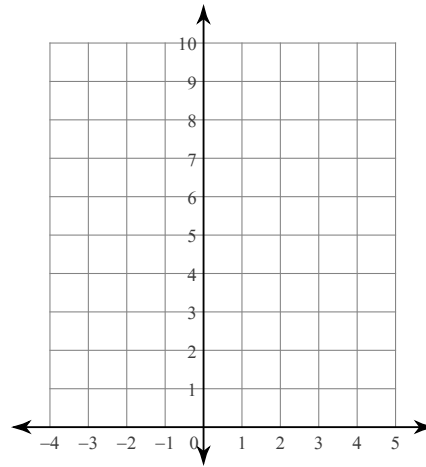
$$20) y = x^2 + 5x + 7$$



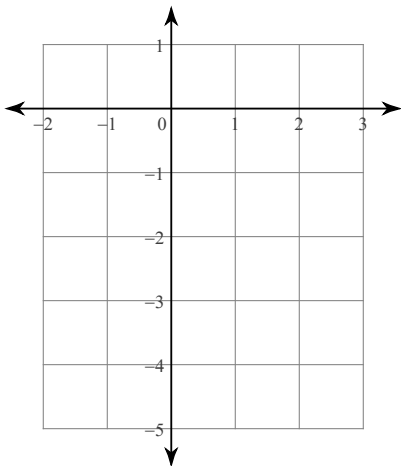
21) $y = x^2 - 5x + 9$



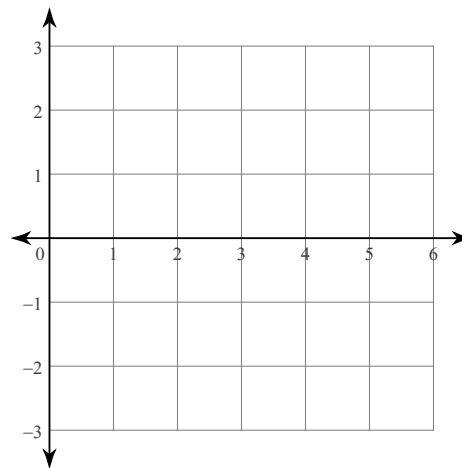
22) $y = 2x^2 - 2x + 2$



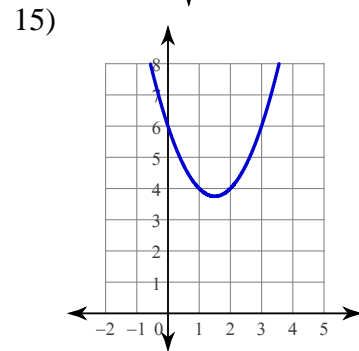
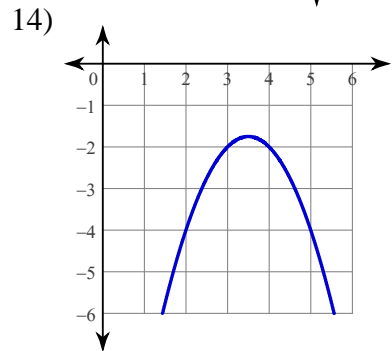
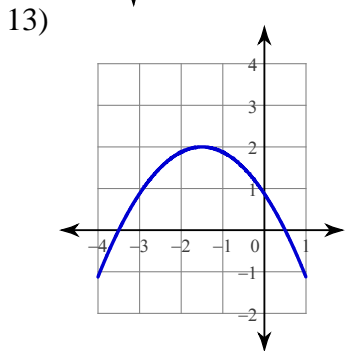
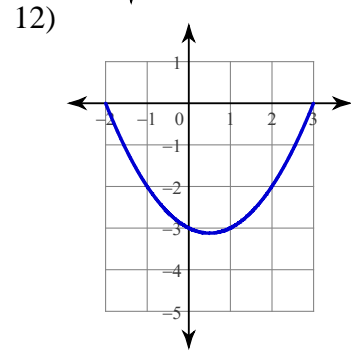
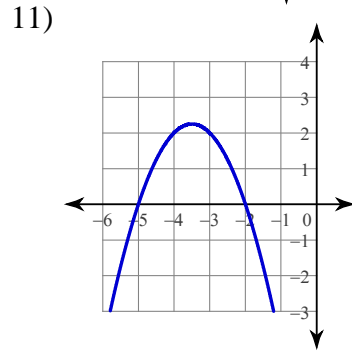
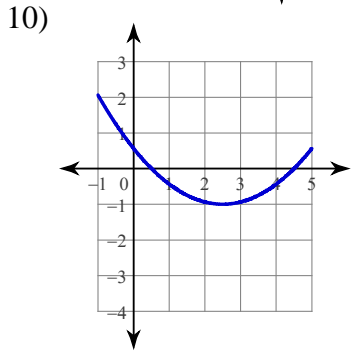
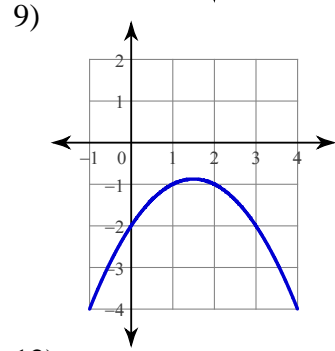
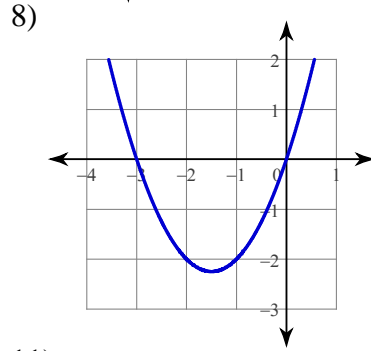
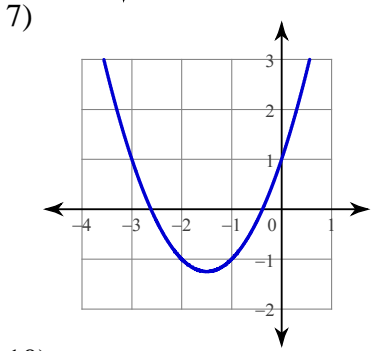
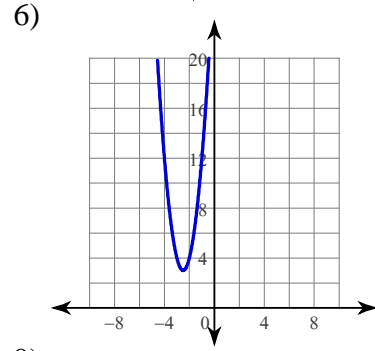
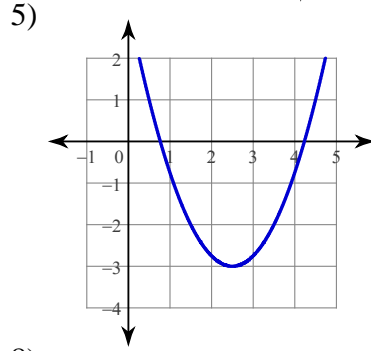
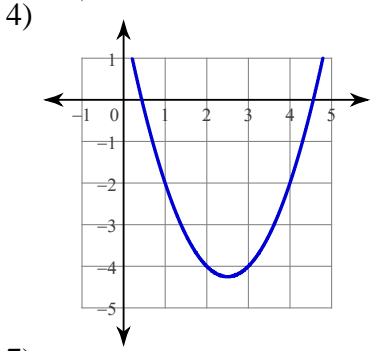
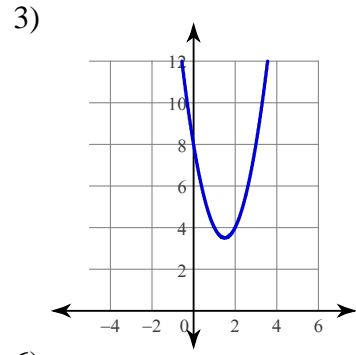
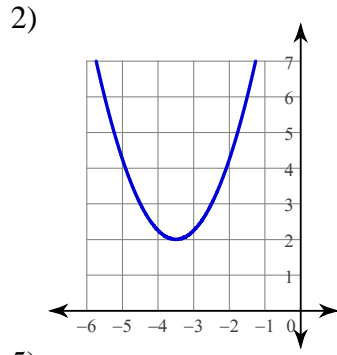
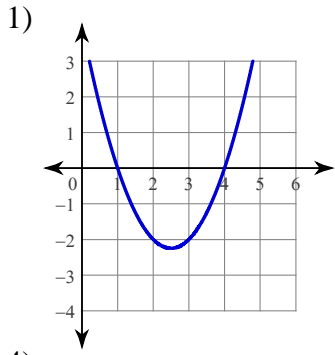
23) $y = -x^2 + x - 1$



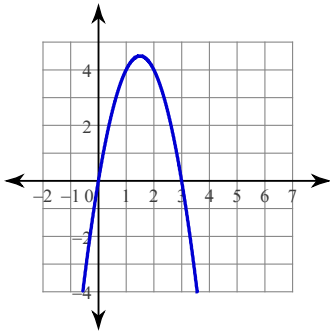
24) $y = -\frac{1}{2}x^2 + \frac{7}{2}x - \frac{41}{8}$



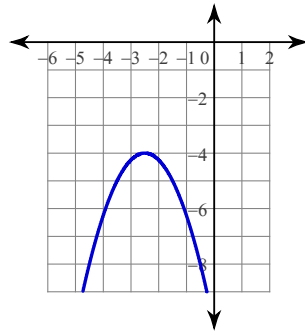
Answers to Assignment (ID: 7)



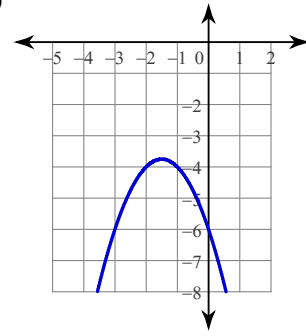
16)



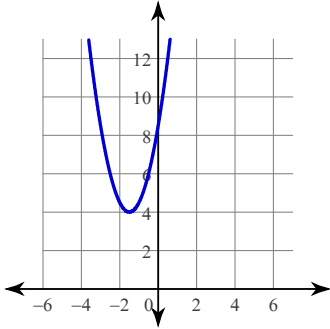
17)



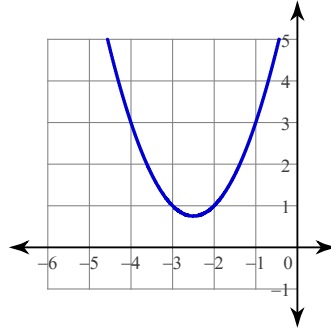
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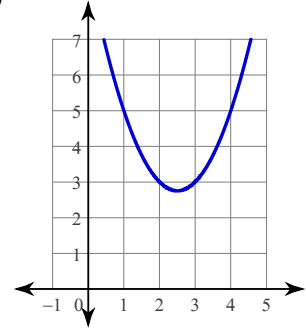
19)



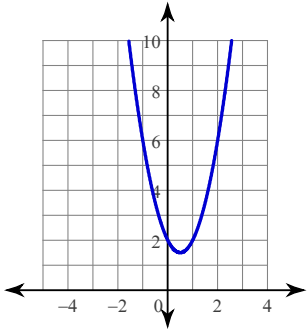
20)



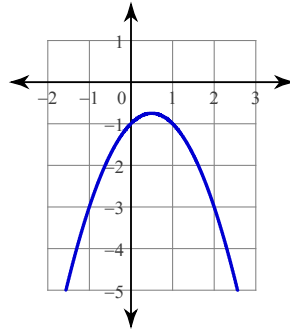
21)



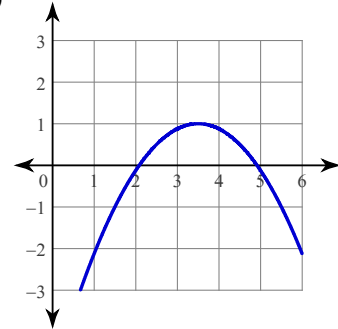
22)



23)



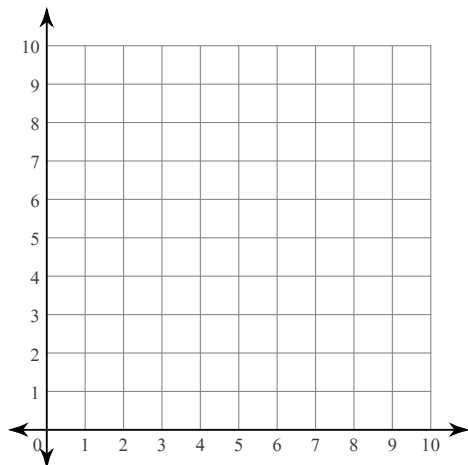
24)



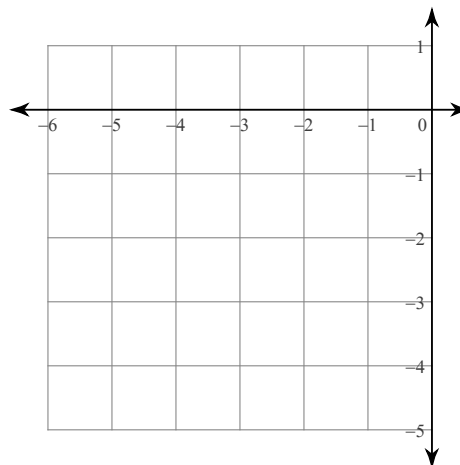
Assignment

Sketch the graph of each function.

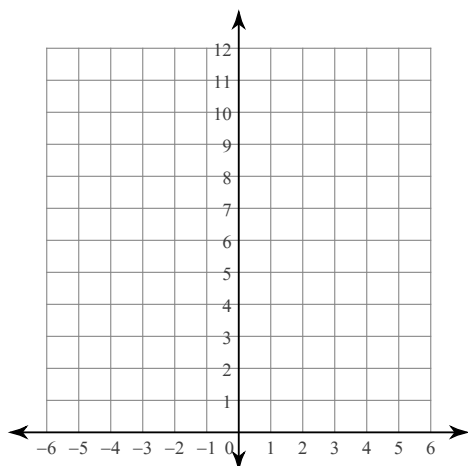
1) $y = 2x^2 - 10x + 14$



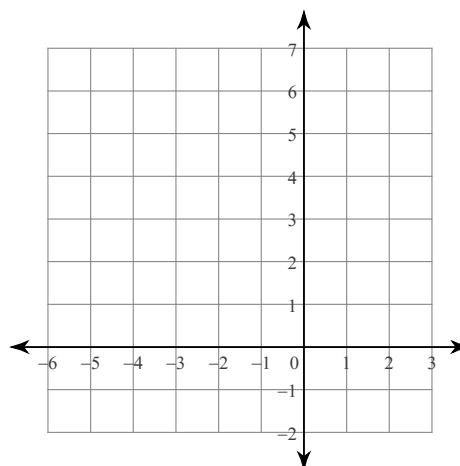
2) $y = x^2 + 7x + 8$



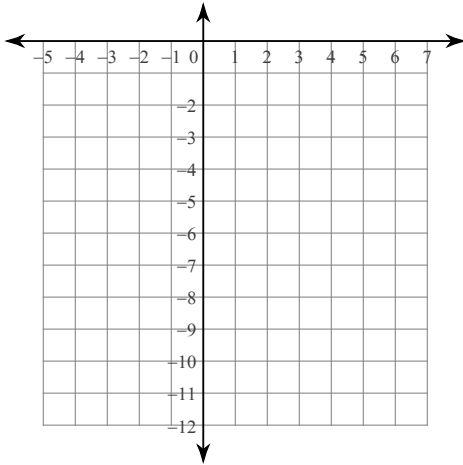
3) $y = 2x^2 - 14x + 28$



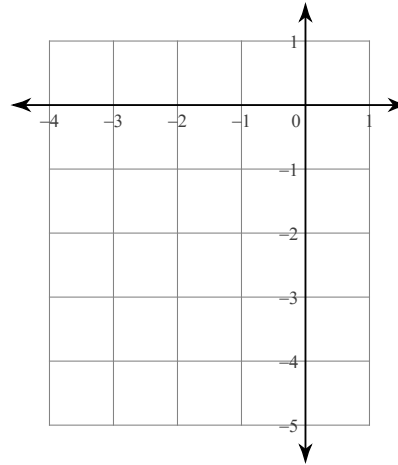
4) $y = 2x^2 - 2x - 1$



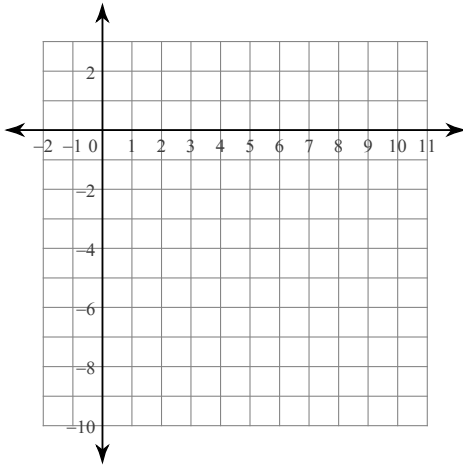
5) $y = -2x^2 - 10x - 16$



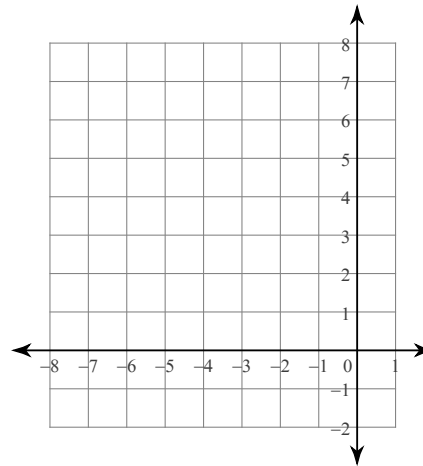
6) $y = -x^2 - 3x - 3$



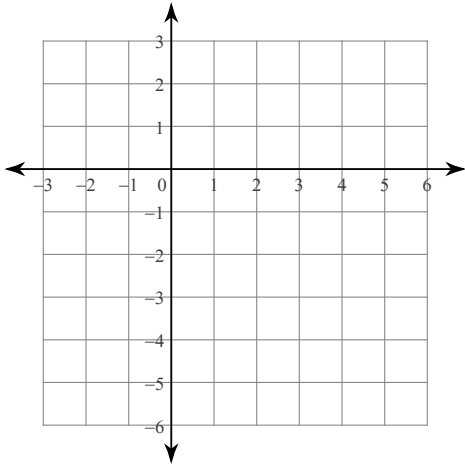
7) $y = -3x^2 + 9x - 4$



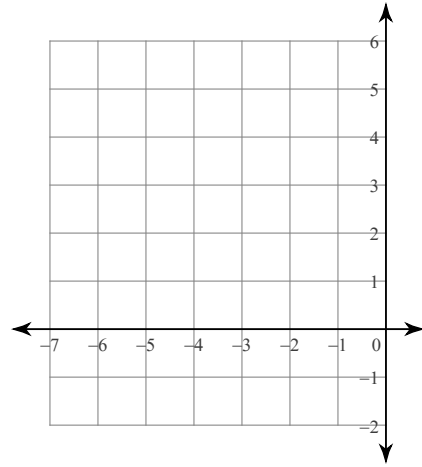
8) $y = 2x^2 + 18x + \frac{79}{2}$



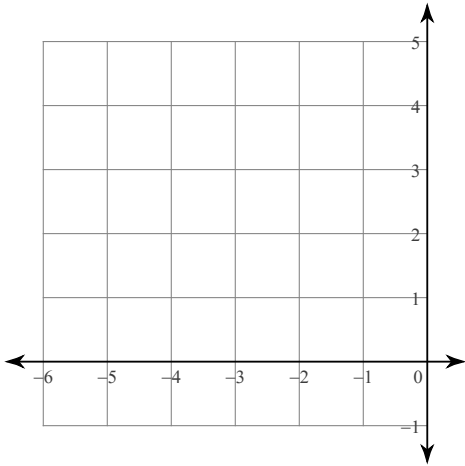
9) $y = -2x^2 + 6x - 2$



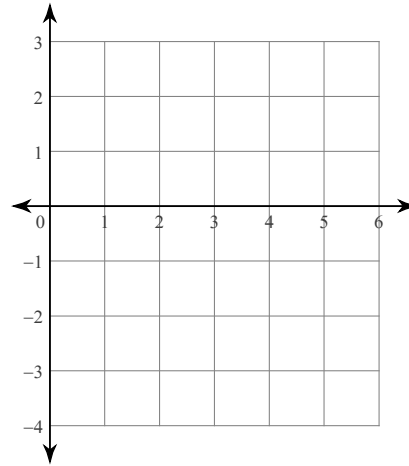
10) $y = x^2 + 9x + 21$



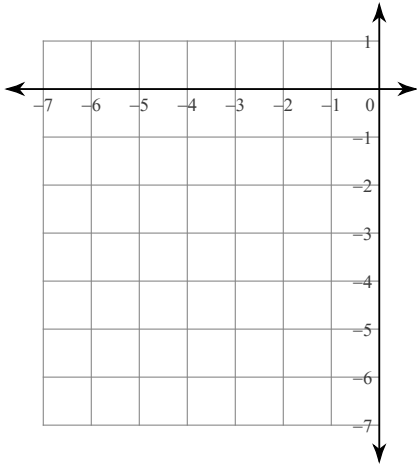
11) $y = -x^2 - 7x - 8$



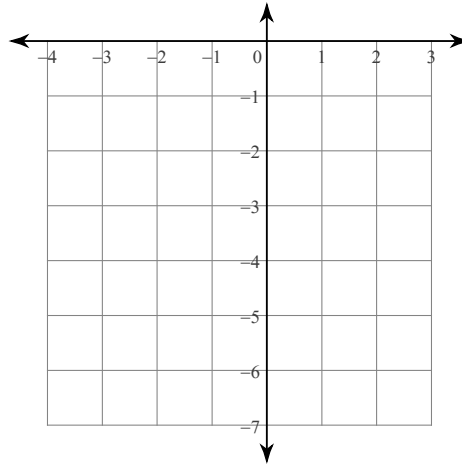
12) $y = x^2 - 5x + 4$



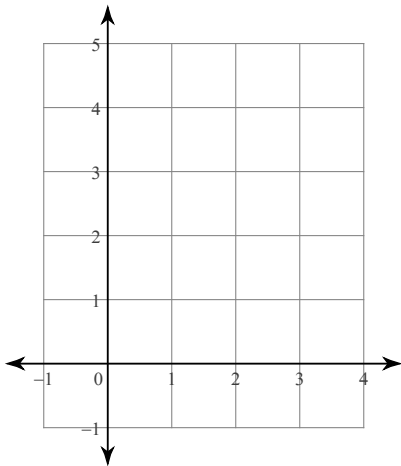
13) $y = -x^2 - 9x - 22$



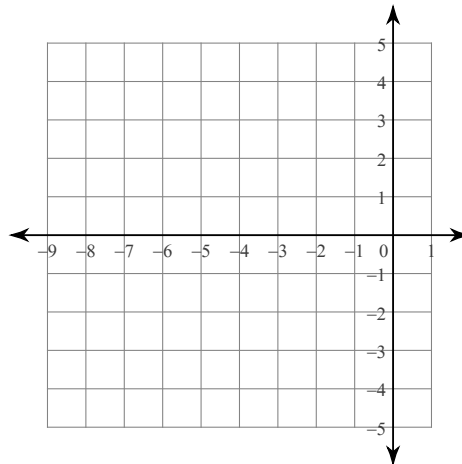
14) $y = -x^2 + x - 3$



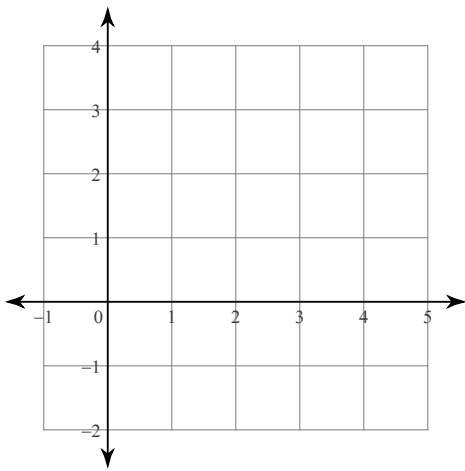
15) $y = x^2 - 3x + 3$



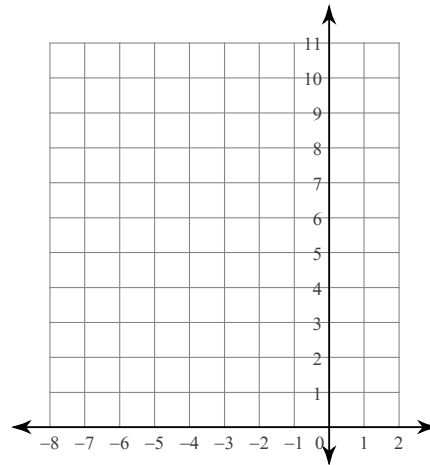
16) $y = -2x^2 - 14x - \frac{41}{2}$



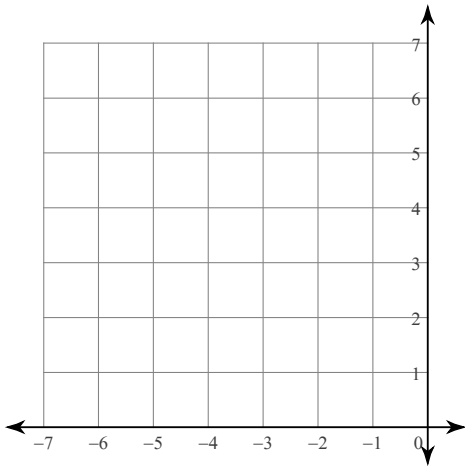
$$17) y = -\frac{1}{3}x^2 + \frac{5}{3}x$$



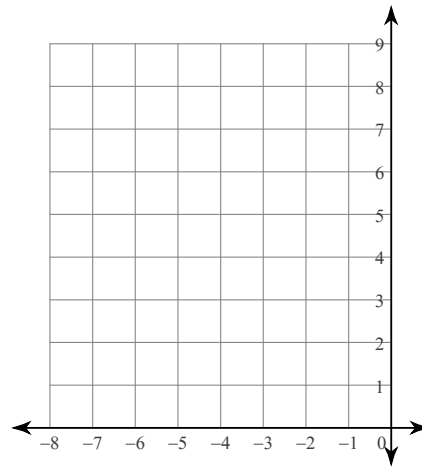
$$18) y = 2x^2 + 10x + 15$$



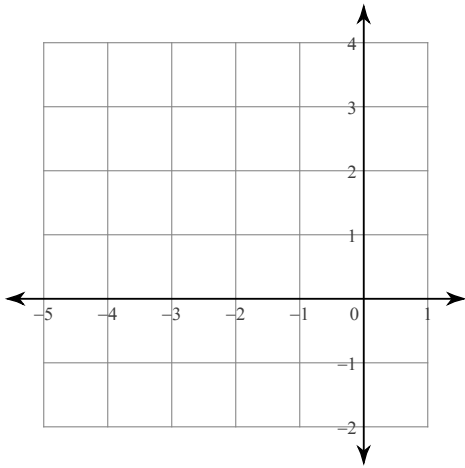
$$19) y = x^2 + 9x + 23$$



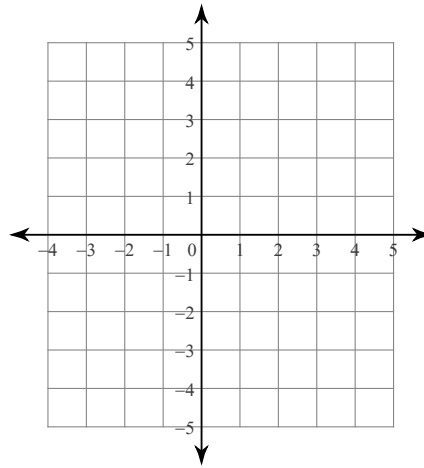
$$20) y = x^2 + 5x + \frac{41}{4}$$



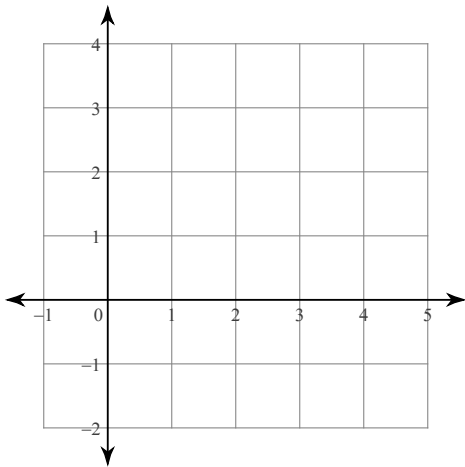
$$21) y = -\frac{1}{3}x^2 - \frac{5}{3}x$$



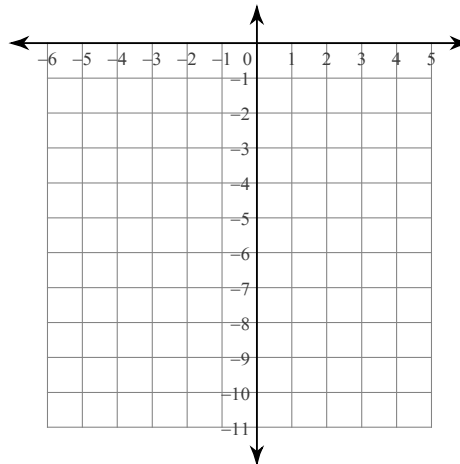
$$22) y = 2x^2 - 2x - \frac{7}{2}$$



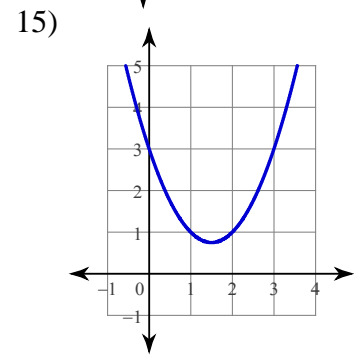
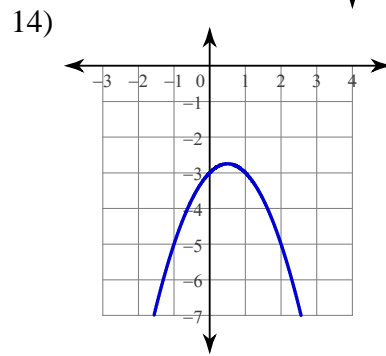
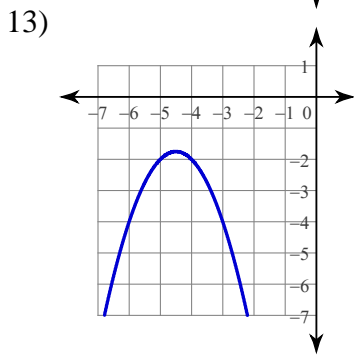
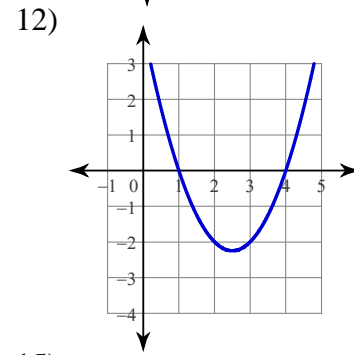
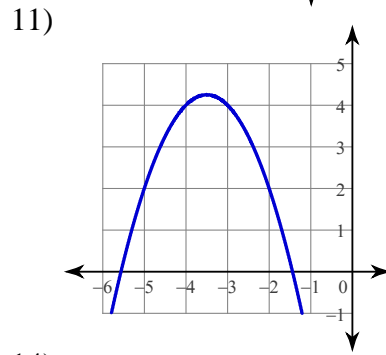
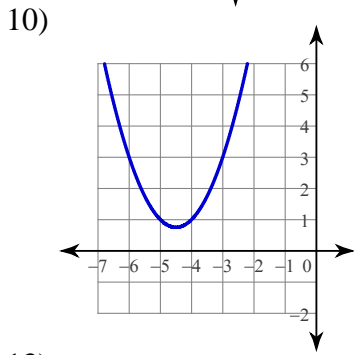
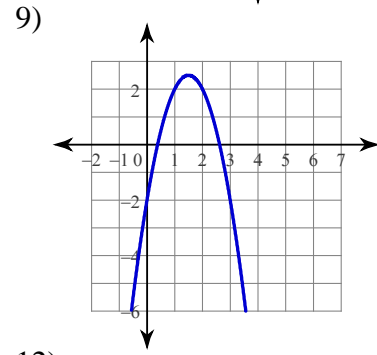
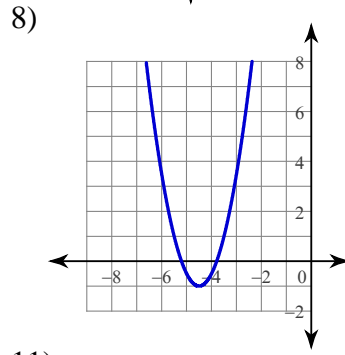
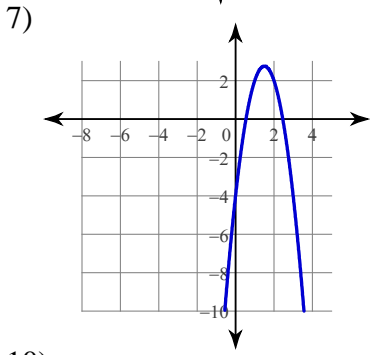
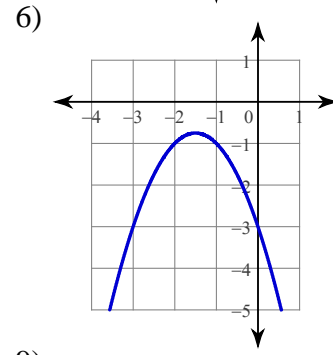
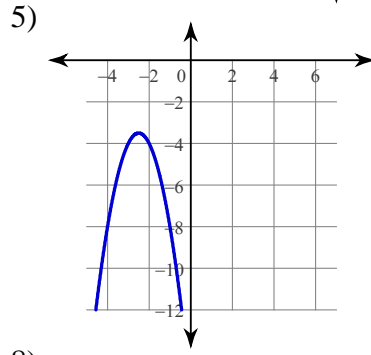
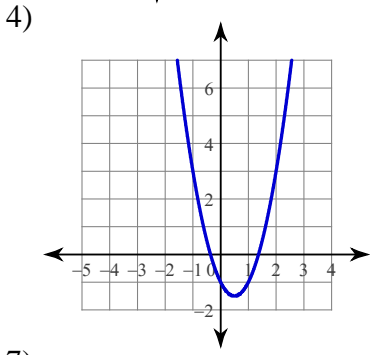
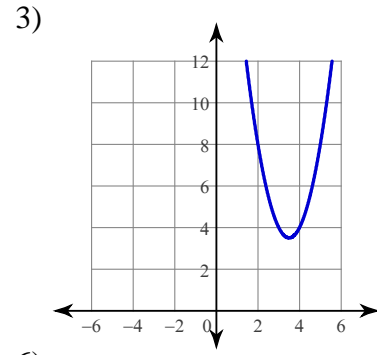
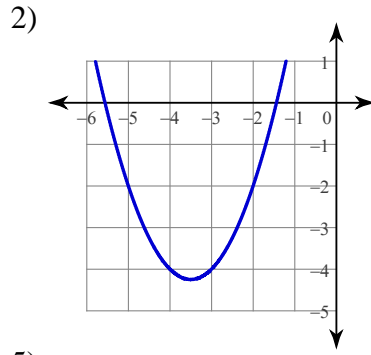
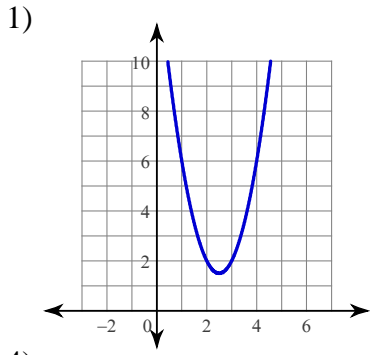
$$23) y = x^2 - 5x + \frac{21}{4}$$



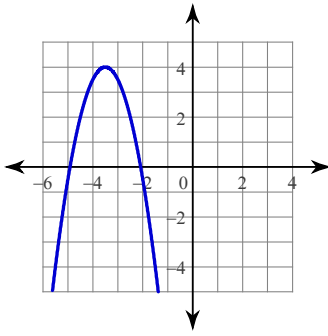
$$24) y = -2x^2 + 6x - 7$$



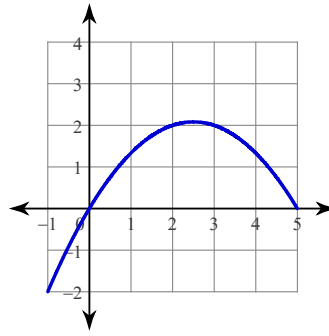
Answers to Assignment (ID: 8)



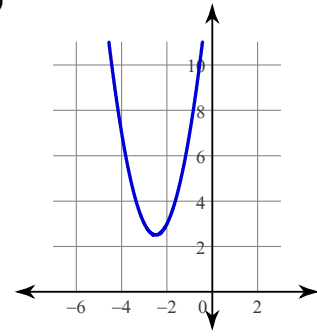
16)



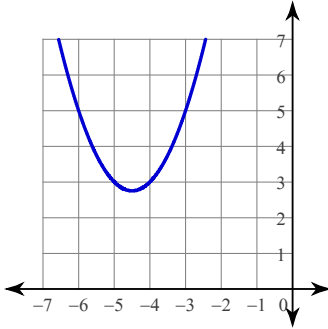
17)



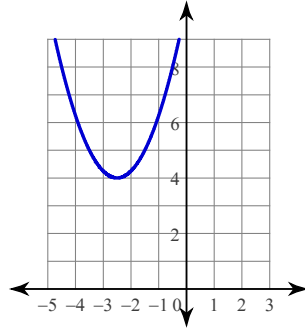
18)



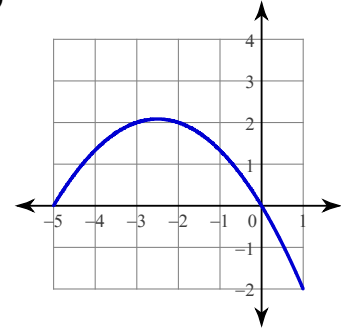
19)



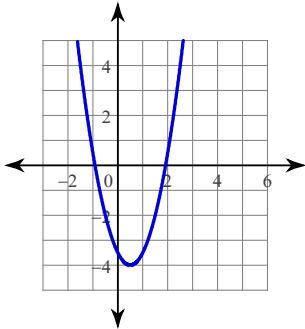
20)



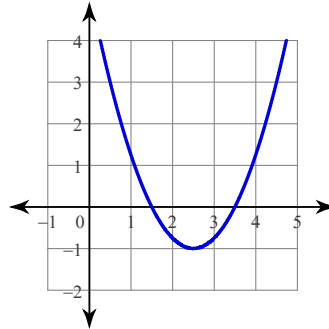
21)



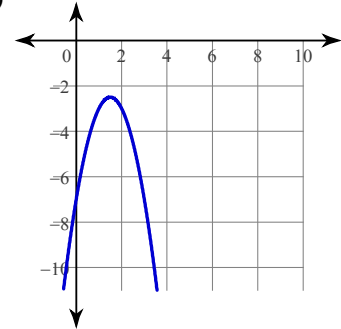
22)



23)



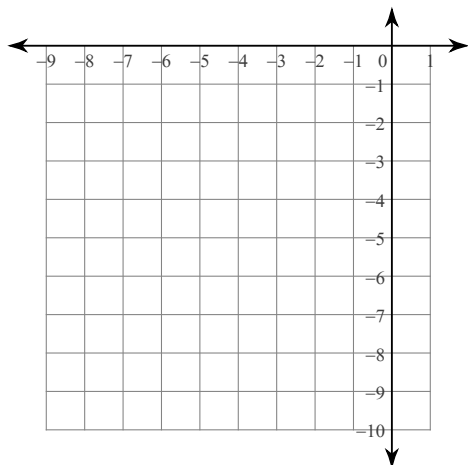
24)



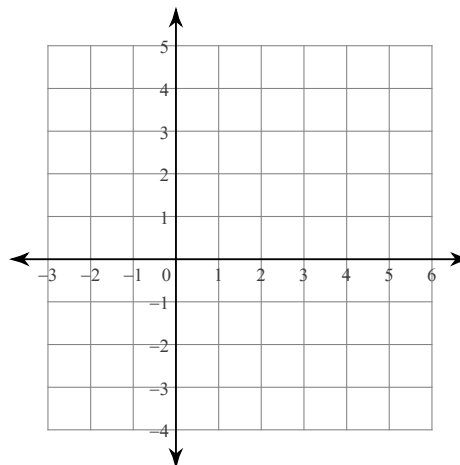
Assignment

Sketch the graph of each function.

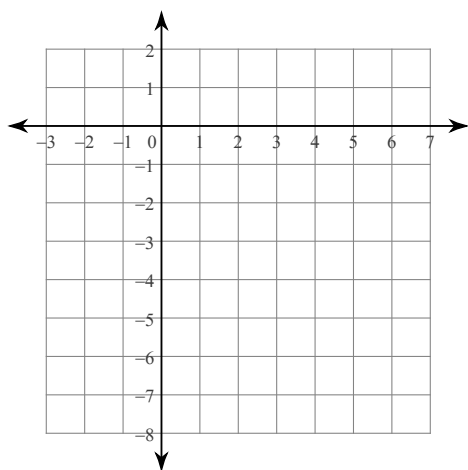
1) $y = -2x^2 - 14x - 26$



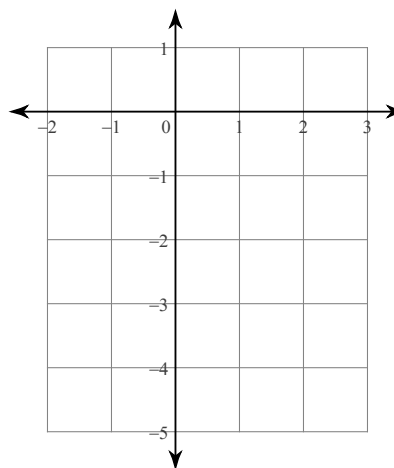
2) $y = 2x^2 - 2x - 3$



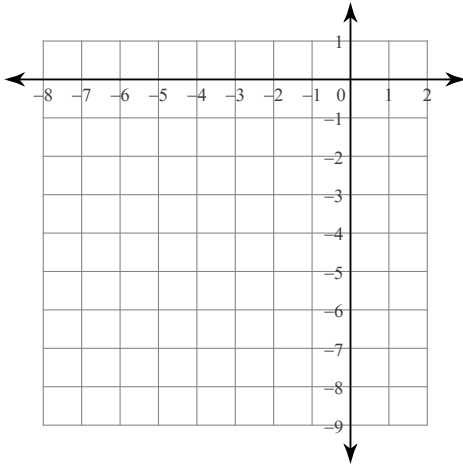
3) $y = -2x^2 + 10x - \frac{23}{2}$



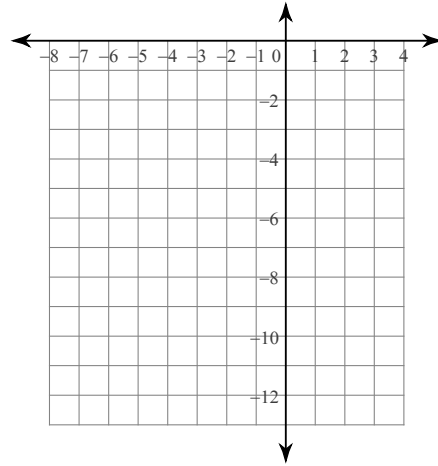
4) $y = -x^2 + x - 1$



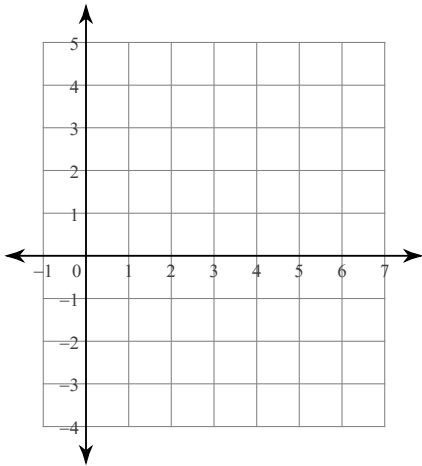
5) $y = -2x^2 - 14x - 25$



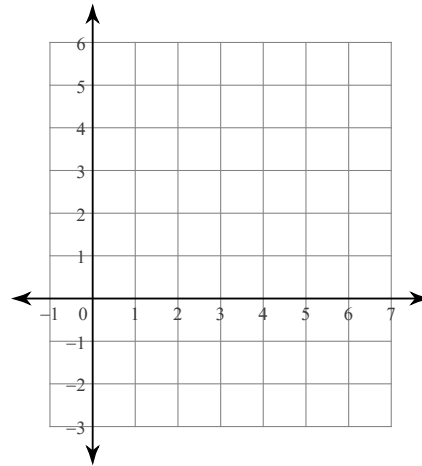
6) $y = -2x^2 - 10x - \frac{33}{2}$



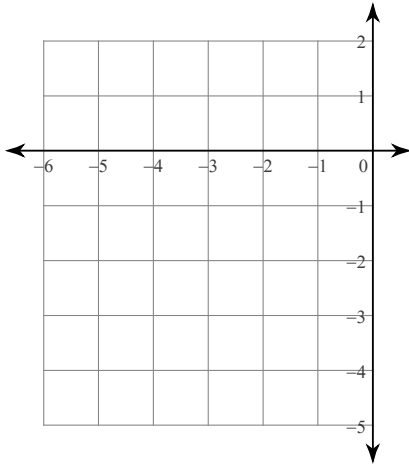
7) $y = -2x^2 + 14x - 20$



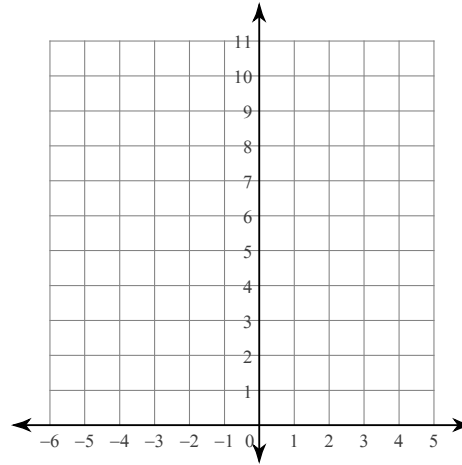
8) $y = 2x^2 - 14x + 22$



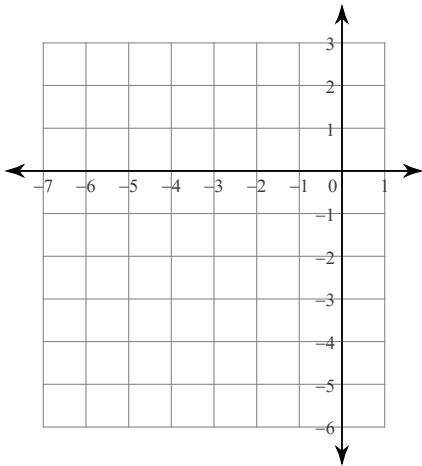
9) $y = x^2 + 7x + 9$



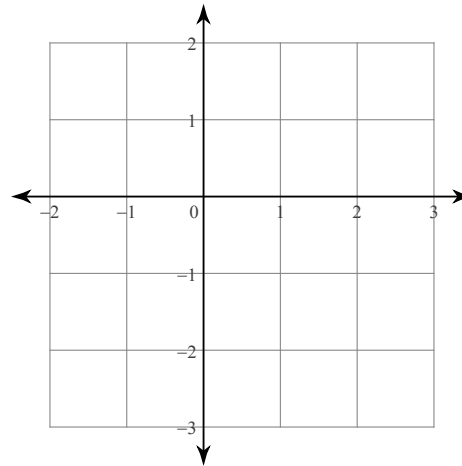
10) $y = 2x^2 - 2x + 3$



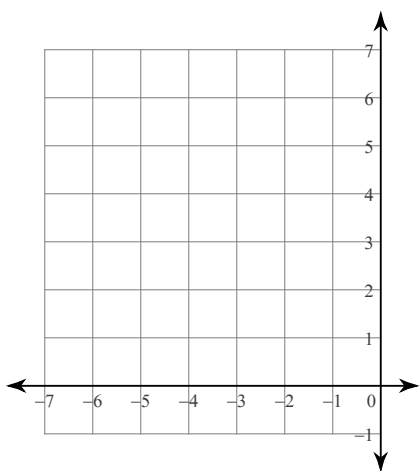
11) $y = -2x^2 - 14x - 22$



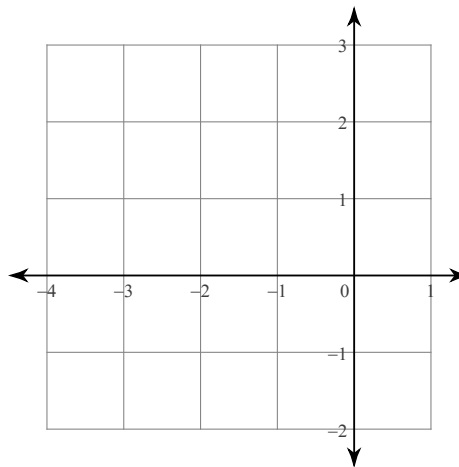
12) $y = x^2 - x - 2$



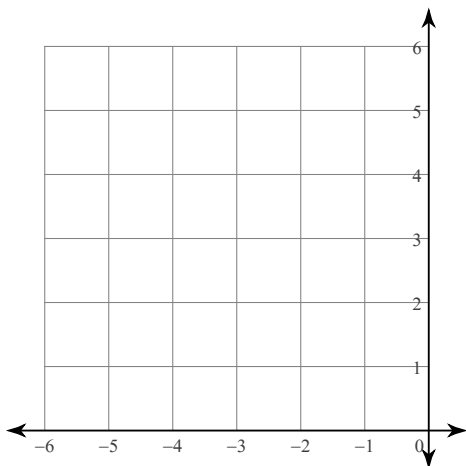
13) $y = x^2 + 9x + \frac{85}{4}$



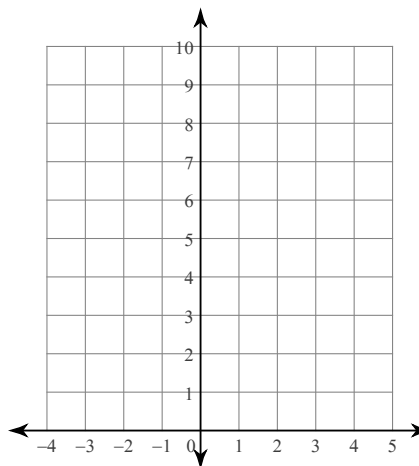
14) $y = x^2 + 3x + 1$



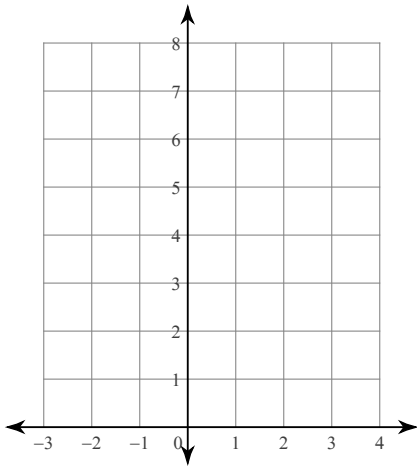
15) $y = x^2 + 7x + 14$



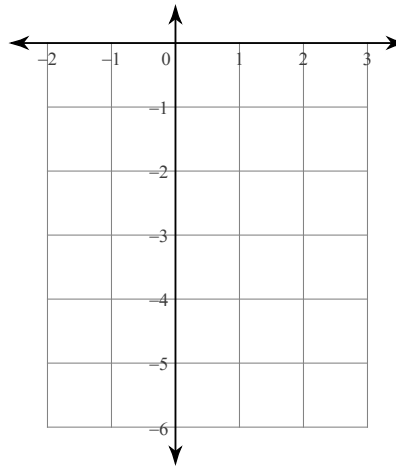
16) $y = 2x^2 + 6x + 6$



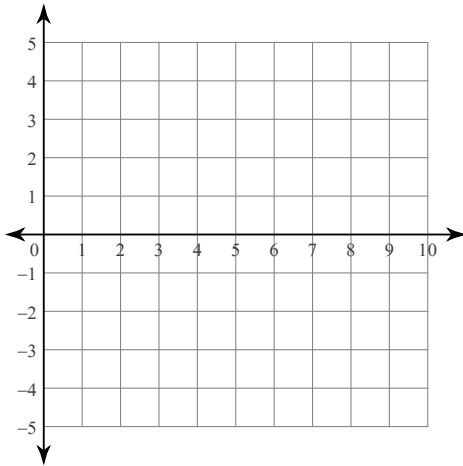
17) $y = x^2 - 3x + 6$



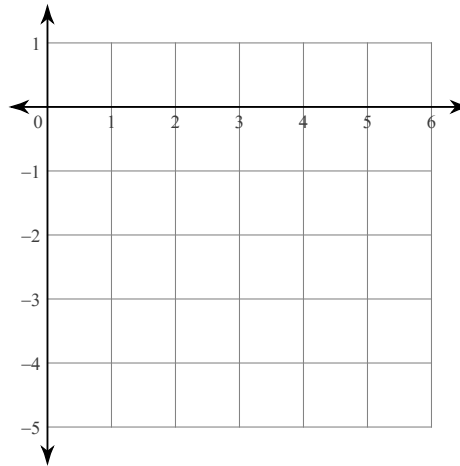
18) $y = -x^2 + x - 2$



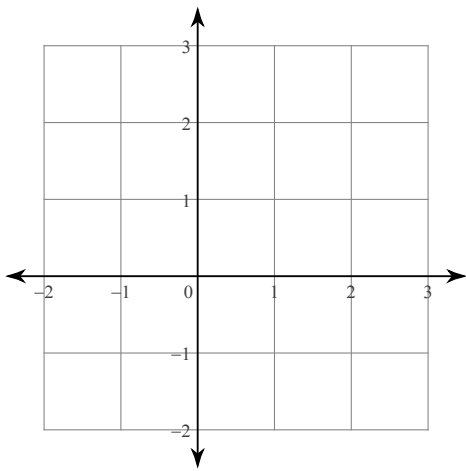
19) $y = 2x^2 - 10x + \frac{17}{2}$



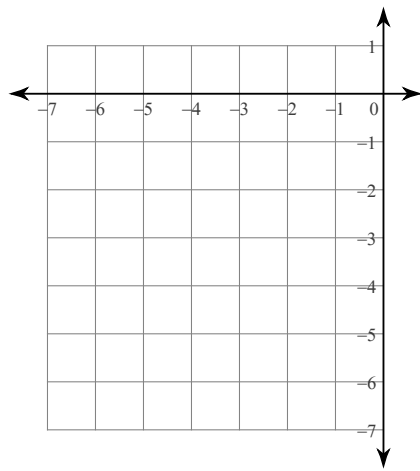
20) $y = -x^2 + 7x - 13$



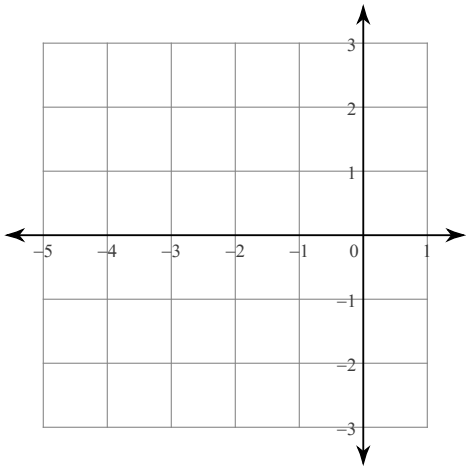
$$21) y = \frac{1}{3}x^2 - \frac{1}{3}x$$



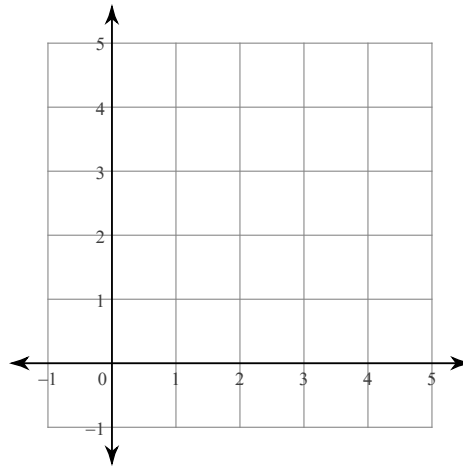
$$22) y = -\frac{1}{2}x^2 - \frac{9}{2}x - 14$$



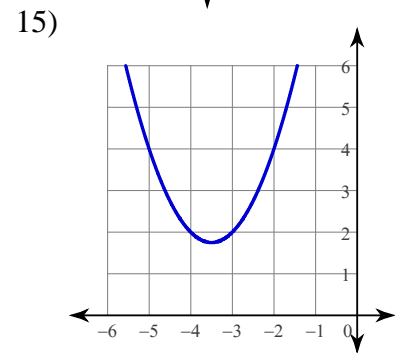
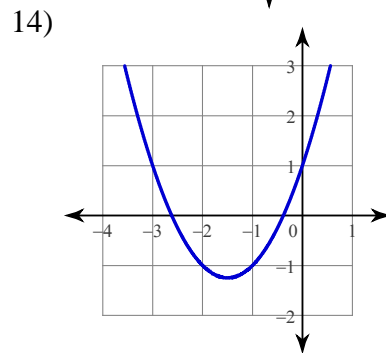
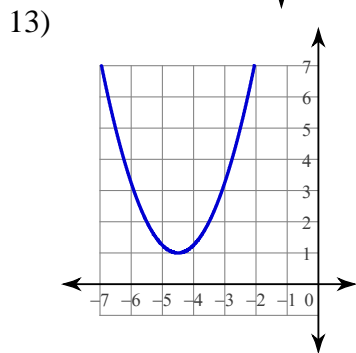
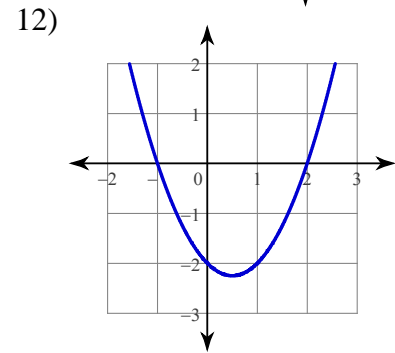
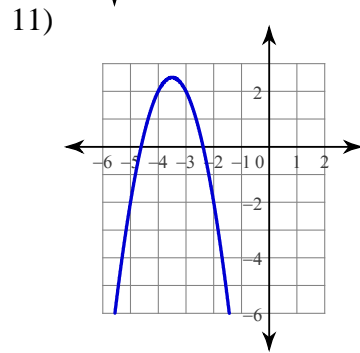
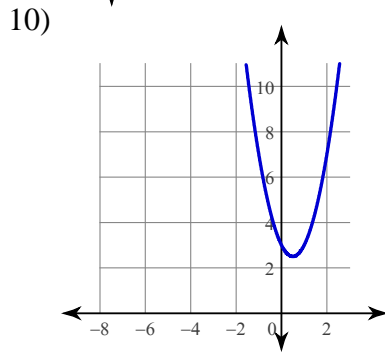
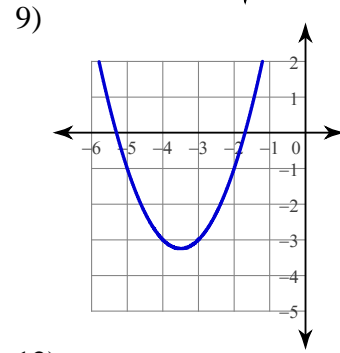
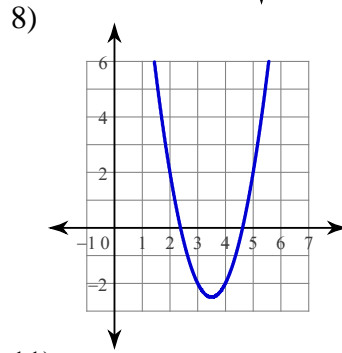
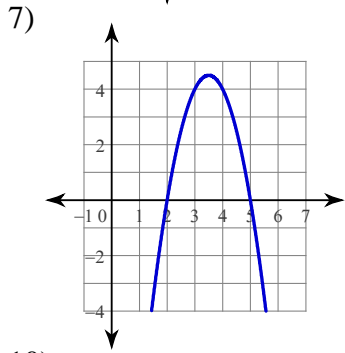
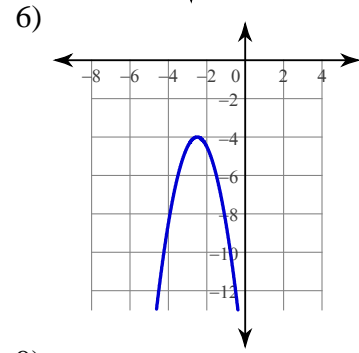
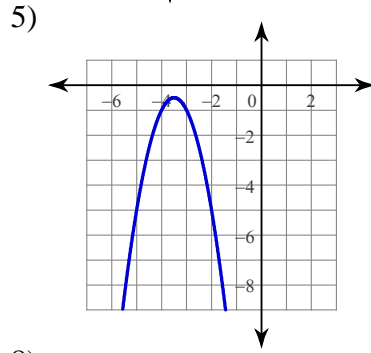
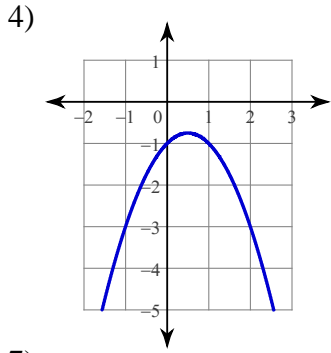
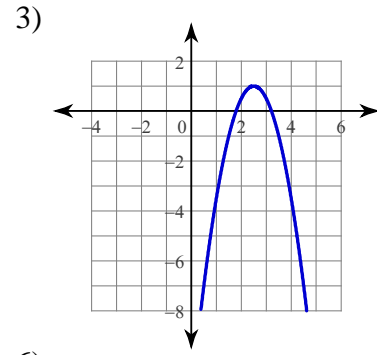
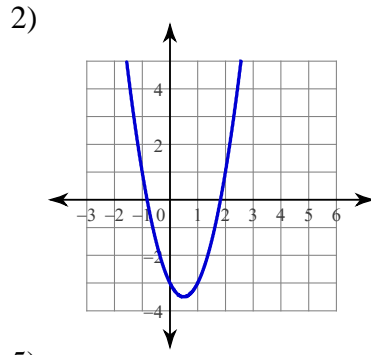
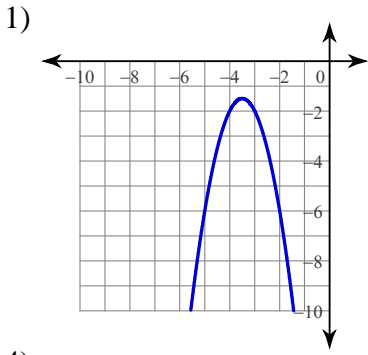
$$23) y = -\frac{1}{2}x^2 - \frac{5}{2}x - \frac{17}{8}$$



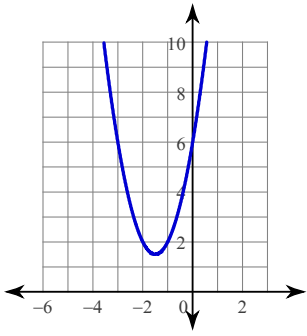
$$24) y = \frac{1}{2}x^2 - \frac{5}{2}x + 5$$



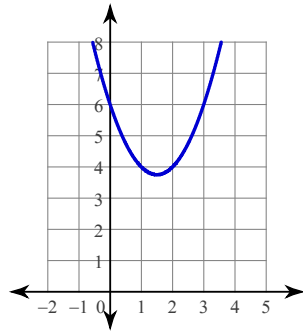
Answers to Assignment (ID: 9)



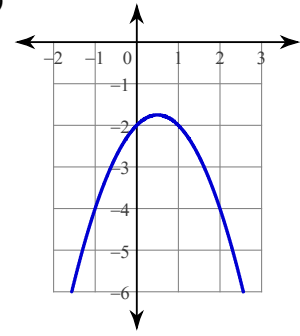
16)



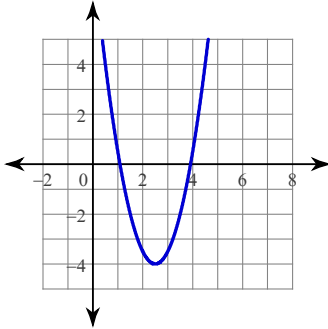
17)



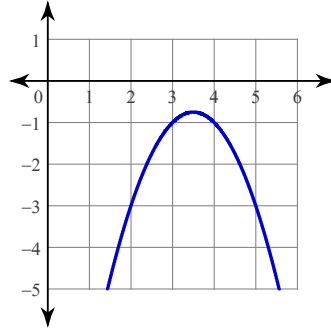
18)



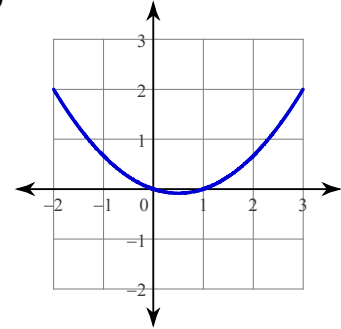
19)



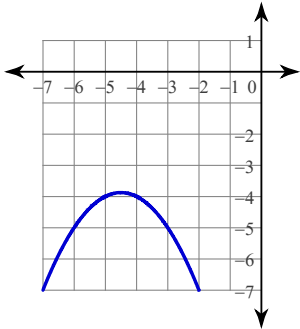
20)



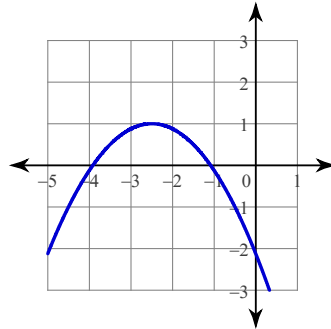
21)



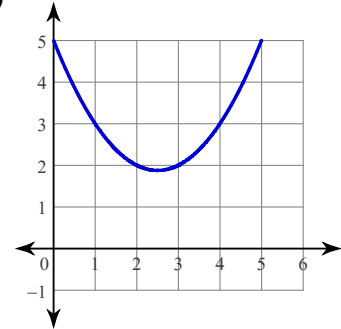
22)



23)



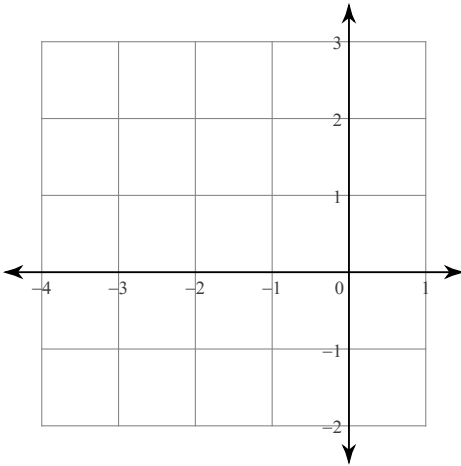
24)



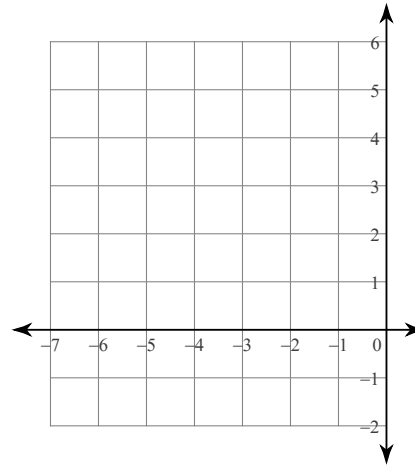
Assignment

Sketch the graph of each function.

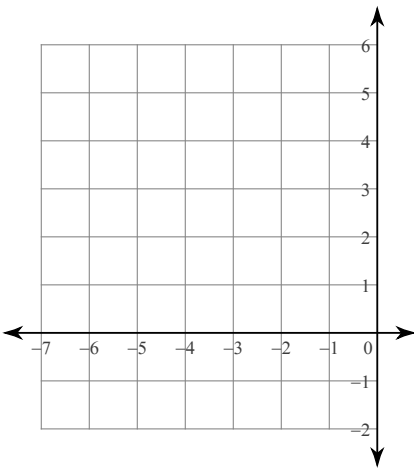
1) $y = -x^2 - 3x$



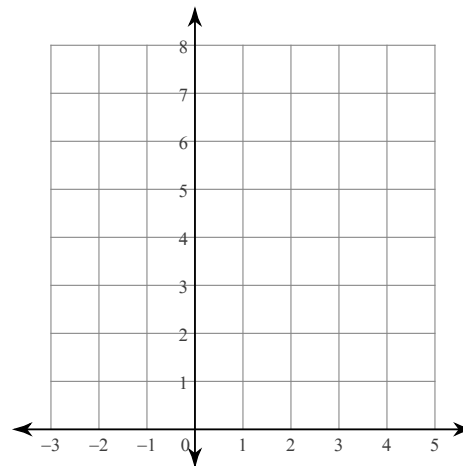
2) $y = -x^2 - 9x - 16$



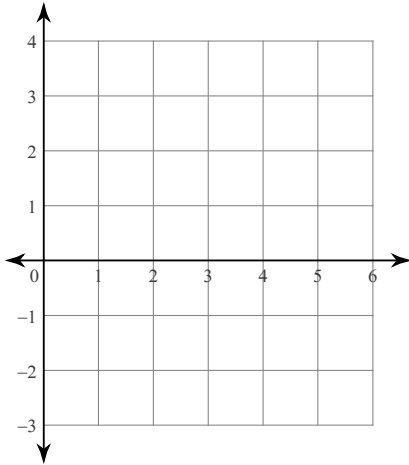
3) $y = -x^2 - 9x - \frac{65}{4}$



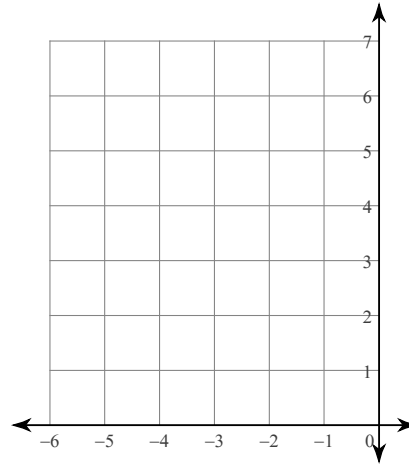
4) $y = x^2 - 5x + 10$



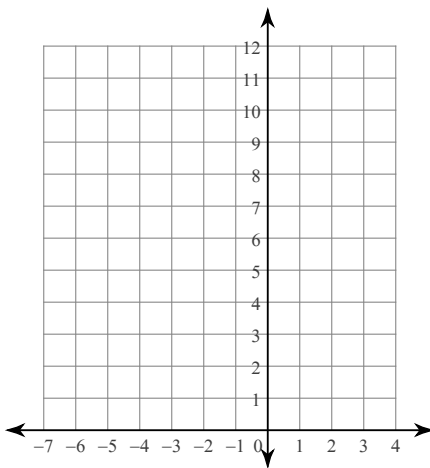
5) $y = x^2 - 7x + 11$



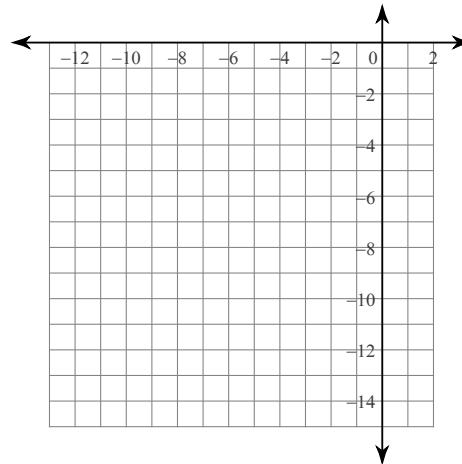
6) $y = x^2 + 7x + 15$



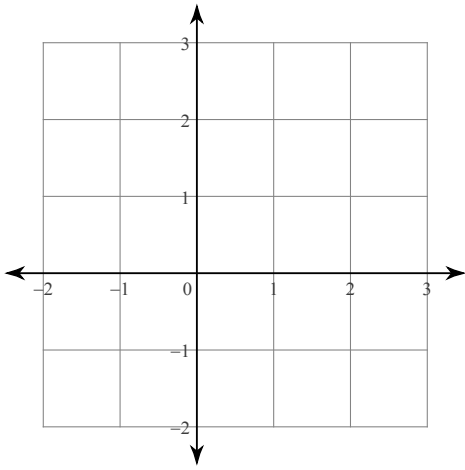
7) $y = 2x^2 + 6x + \frac{15}{2}$



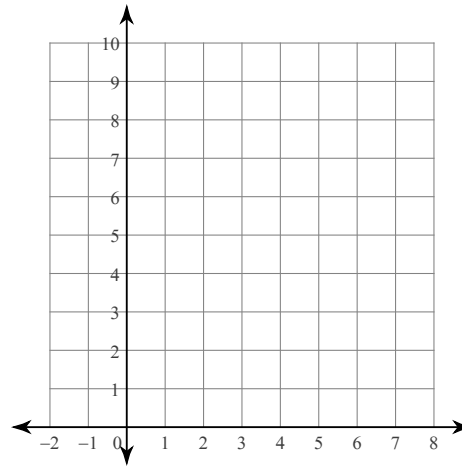
8) $y = -3x^2 - 9x - 9$



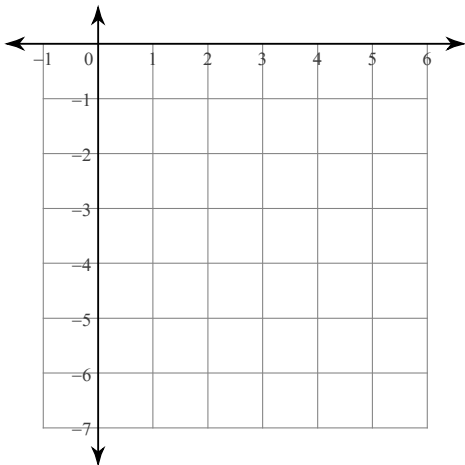
$$9) y = -\frac{1}{2}x^2 + \frac{1}{2}x + 1$$



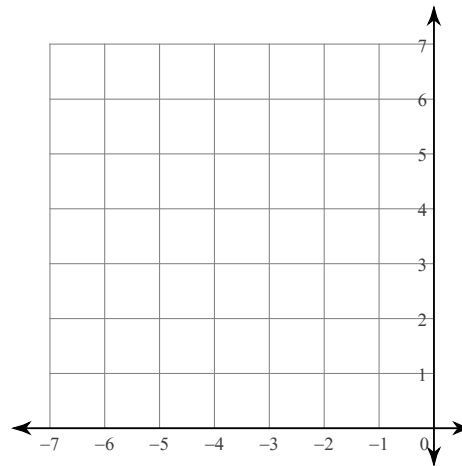
$$10) y = 2x^2 - 10x + 14$$



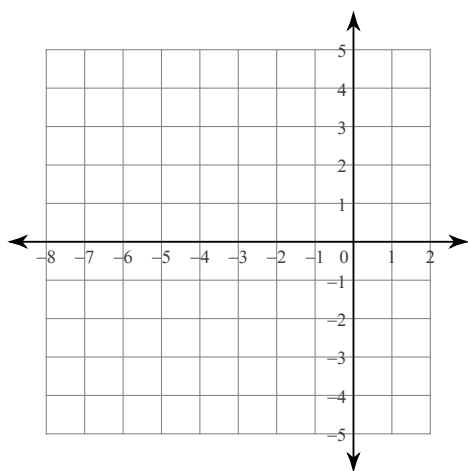
$$11) y = -x^2 + 3x - \frac{17}{4}$$



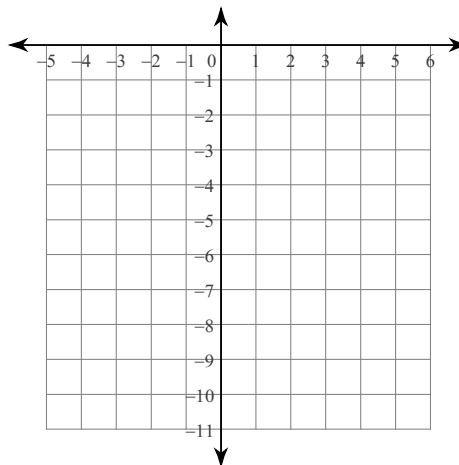
$$12) y = x^2 + 9x + 23$$



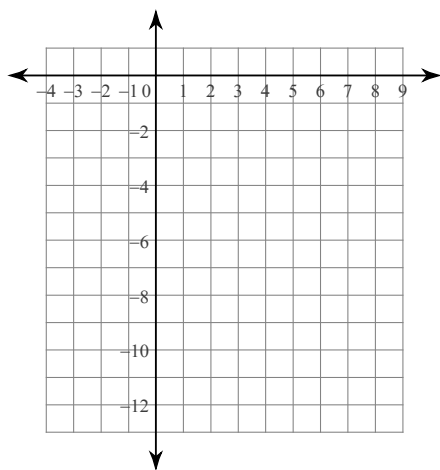
13) $y = -2x^2 - 14x - \frac{41}{2}$



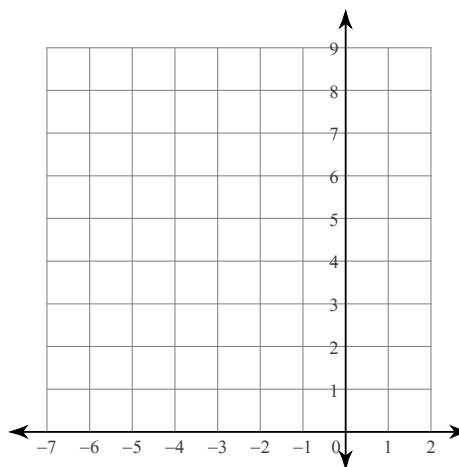
14) $y = -2x^2 + 6x - 7$



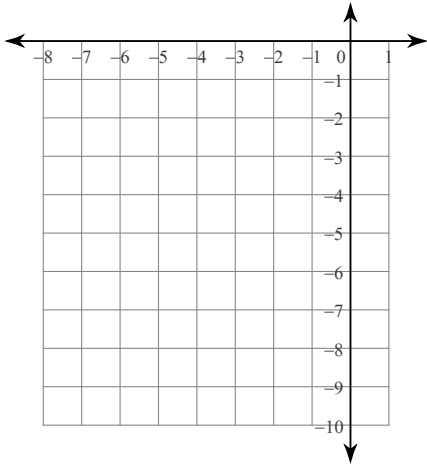
15) $y = -3x^2 + 9x - 7$



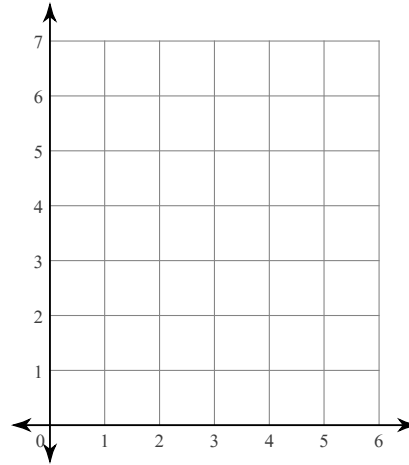
16) $y = x^2 + 3x + \frac{25}{4}$



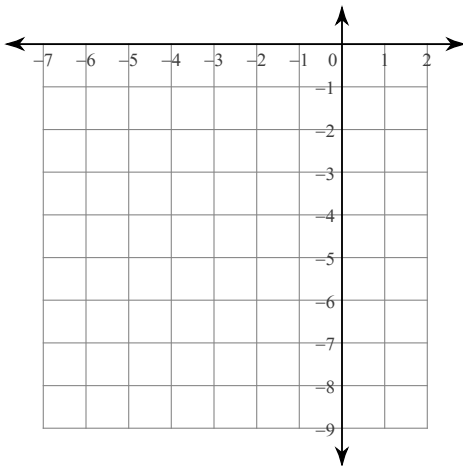
17) $y = -2x^2 - 18x - 42$



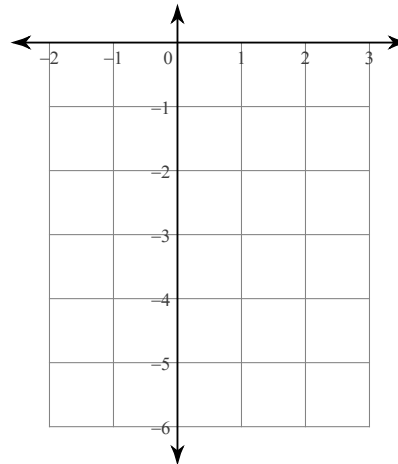
18) $y = x^2 - 7x + 15$



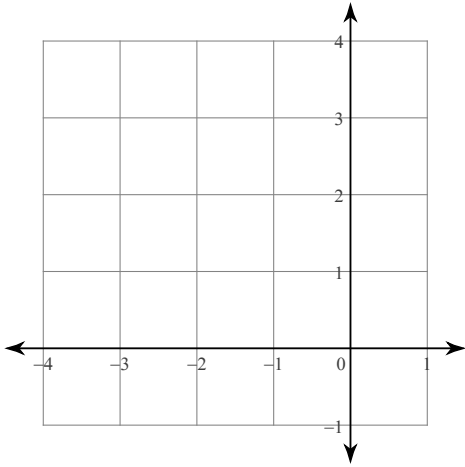
19) $y = -x^2 - 3x - \frac{25}{4}$



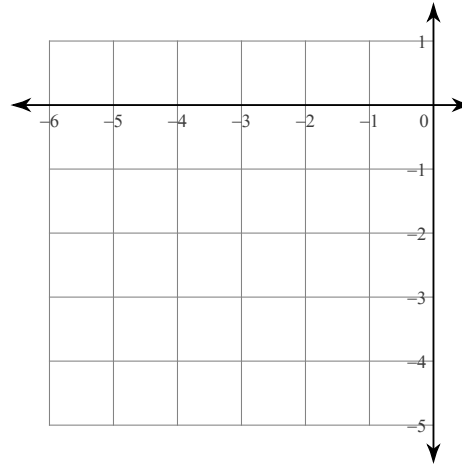
20) $y = -x^2 + x - 2$



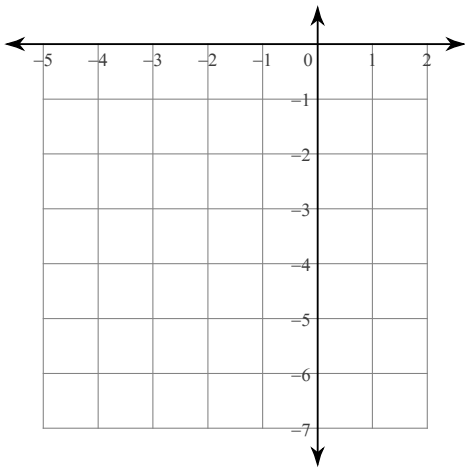
21) $y = -x^2 - 3x + 1$



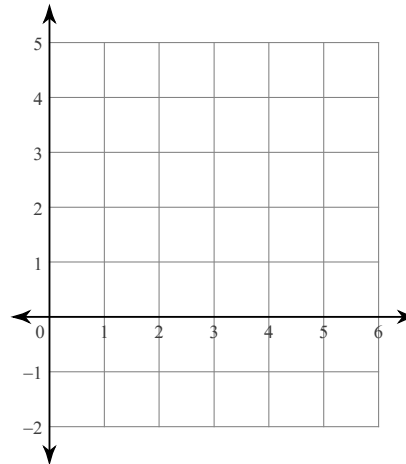
22) $y = -x^2 - 7x - 13$



23) $y = -x^2 - 3x - \frac{17}{4}$

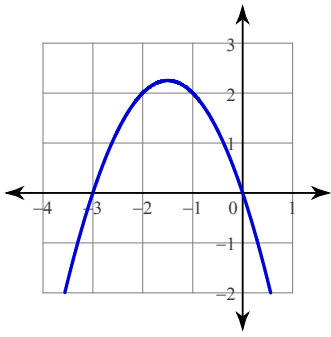


24) $y = -x^2 + 7x - 9$

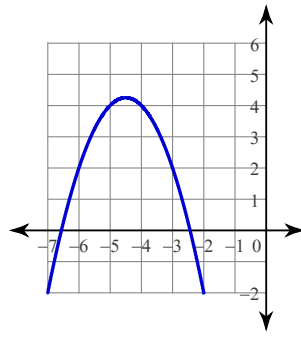


Answers to Assignment (ID: 10)

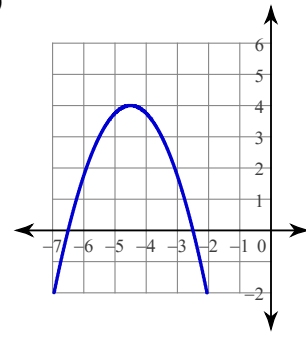
1)



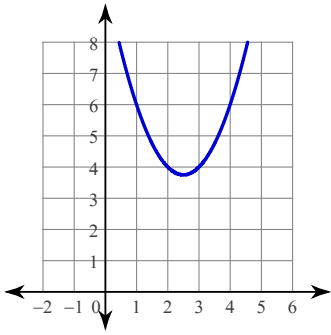
2)



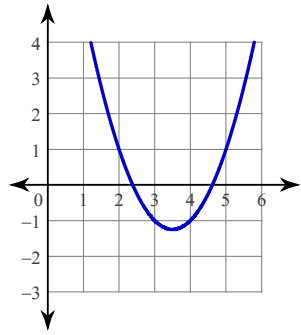
3)



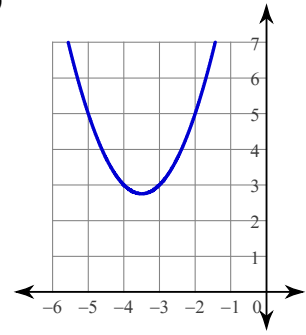
4)



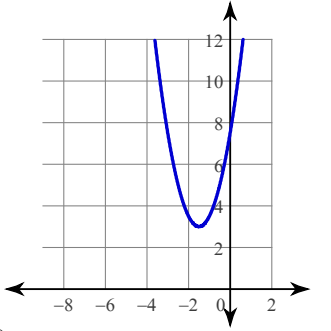
5)



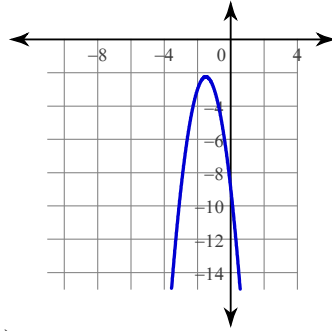
6)



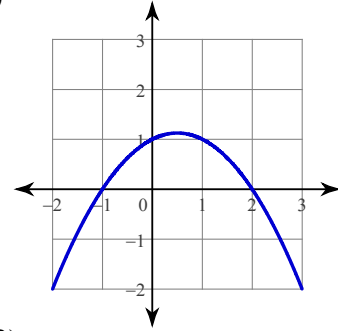
7)



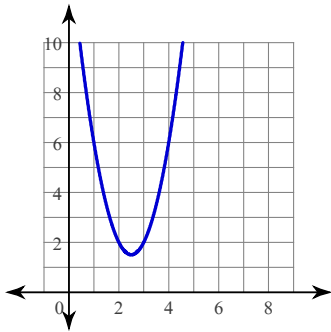
8)



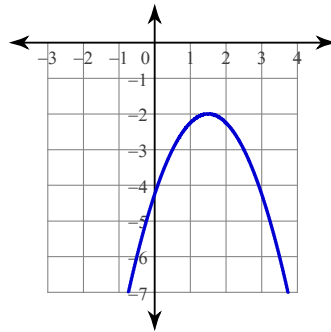
9)



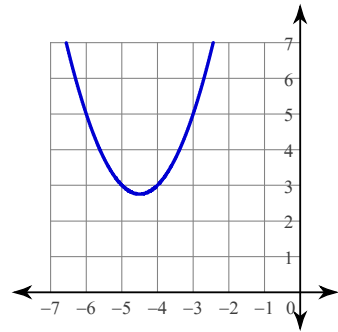
10)



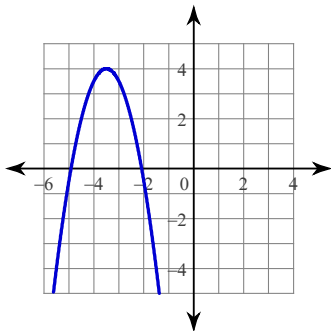
11)



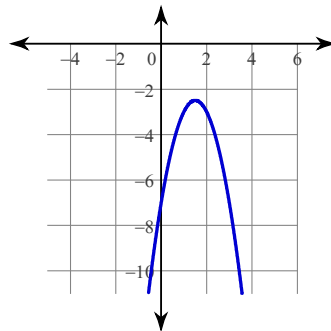
12)



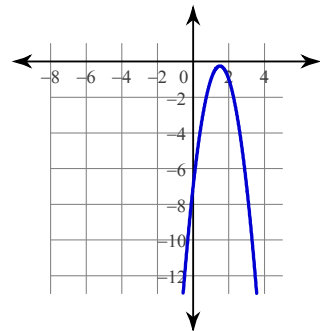
13)



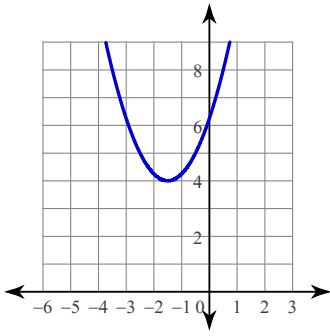
14)



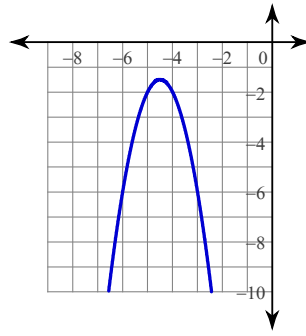
15)



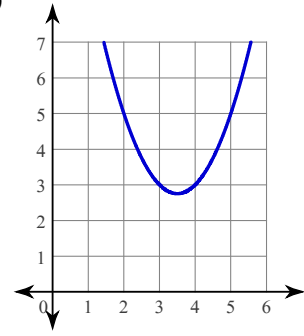
16)



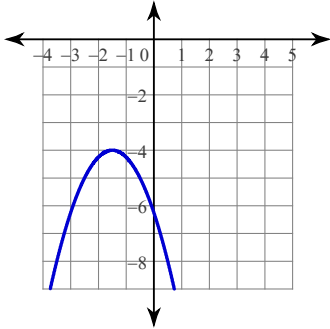
17)



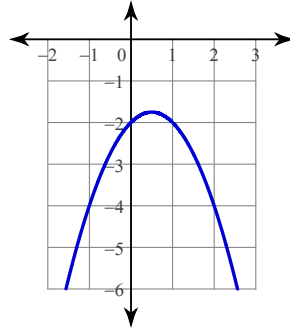
18)



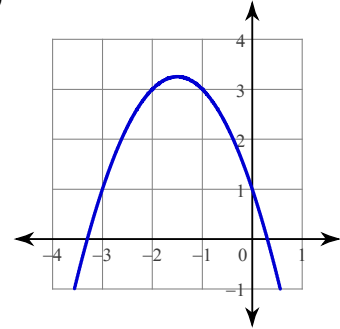
19)



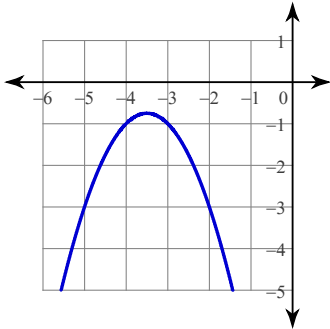
20)



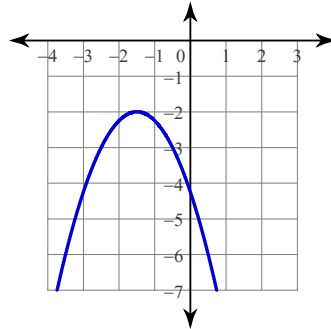
21)



22)



23)



24)

