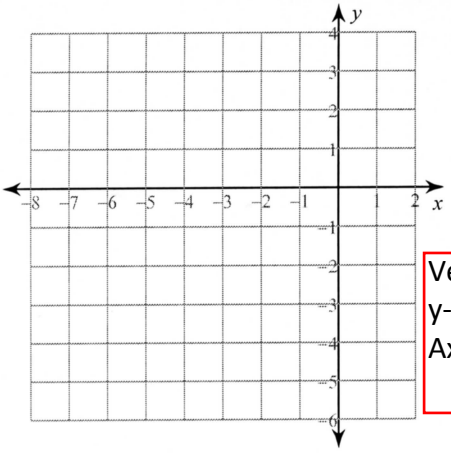
Alg Name_____

11-1 Graphing Quadratic Equations - Vertex & Axis of Symmetry (ver6)_hw

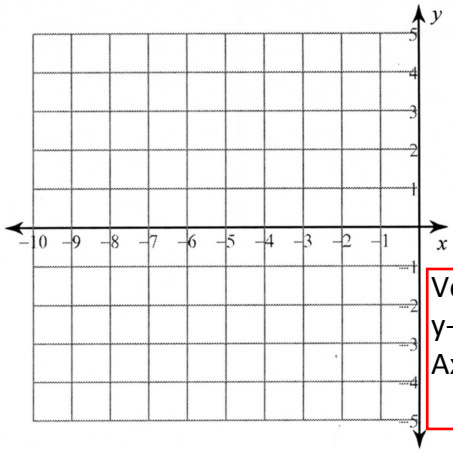
Graph the function using VERTEX, Y-INTERCEPT, & AXIS of SYMMETRY. (No T-Tables)

1) $f(x) = -2x^2 - 4x + 1$



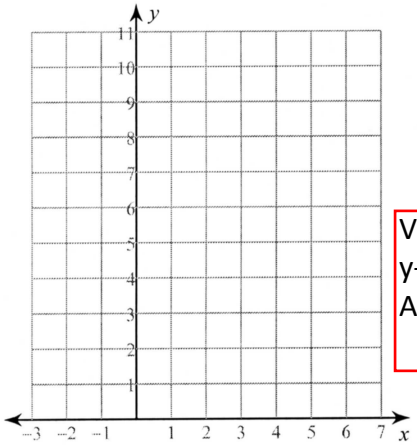
Vertex=
y-intercept=
Axis of Symmetry=

2) $f(x) = -2x^2 - 8x - 4$



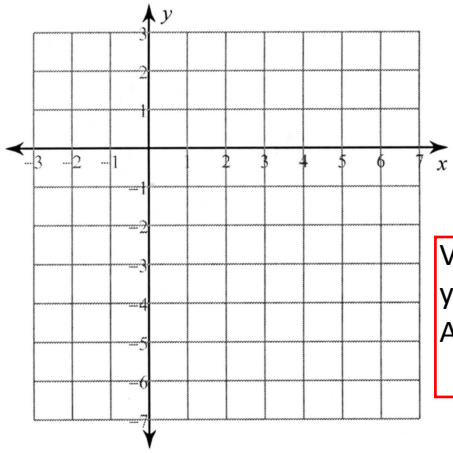
Vertex=
y-intercept=
Axis of Symmetry=

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



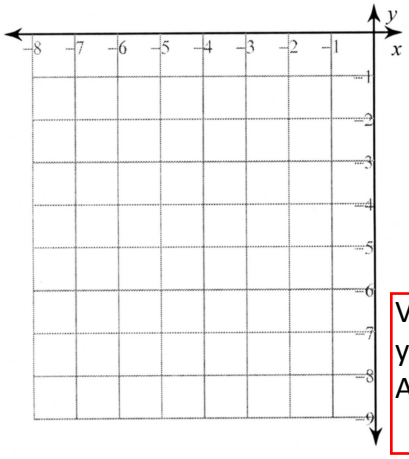
Vertex=
y-intercept=
Axis of Symmetry=

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



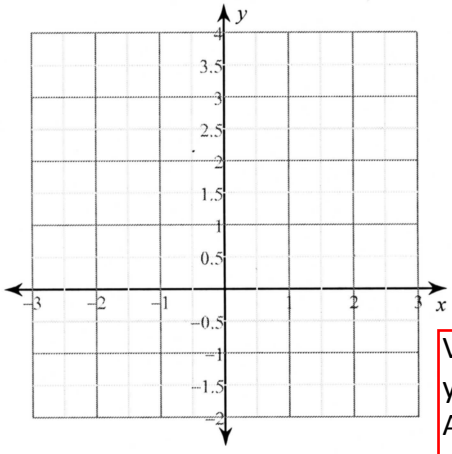
Vertex=
y-intercept=
Axis of Symmetry=

5) $f(x) = -x^2 - 4x - 8$



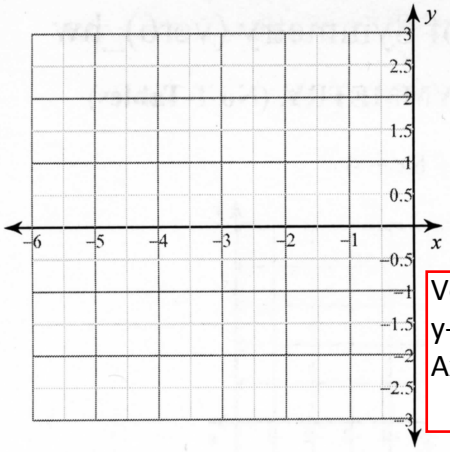
Vertex=
y-intercept=
Axis of Symmetry=

6) $f(x) = -x^2 + 2x + 2$



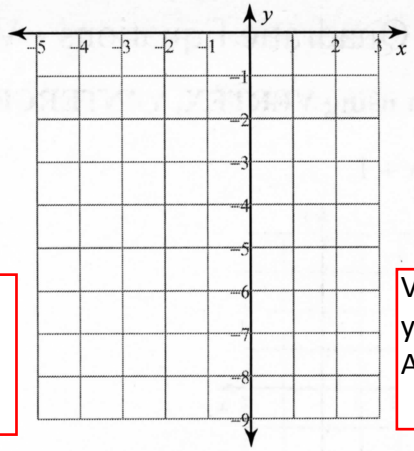
Vertex=
y-intercept=
Axis of Symmetry=

7) $f(x) = x^2 + 4x + 2$



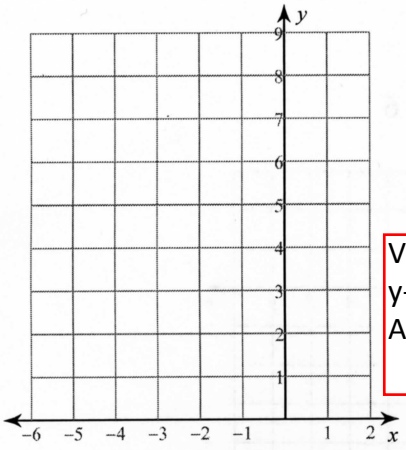
Vertex=
y-intercept=
Axis of Symmetry=

8) $f(x) = -x^2 - 2x - 5$



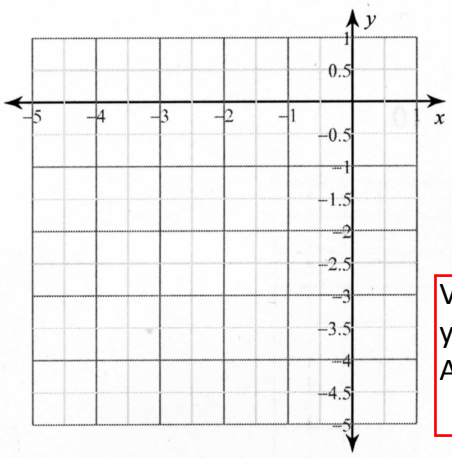
Vertex=
y-intercept=
Axis of Symmetry=

9) $f(x) = x^2 + 4x + 8$



Vertex=
y-intercept=
Axis of Symmetry=

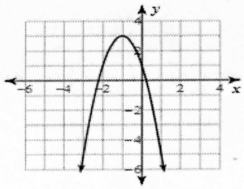
10) $f(x) = x^2 + 4x$



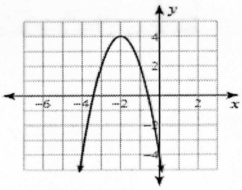
Vertex=
y-intercept=
Axis of Symmetry=

Answers to 11-1 Graphing Quadratic Equations - Vertex & Axis of Symmetry (ver6)_hw

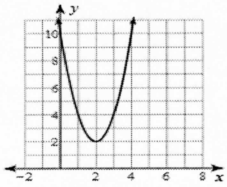
1)



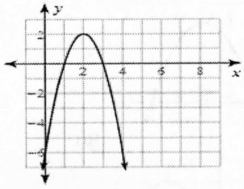
2)



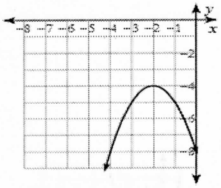
3)



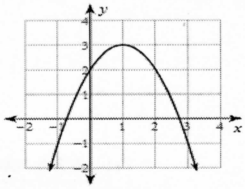
4)



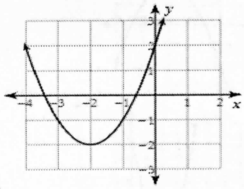
5)



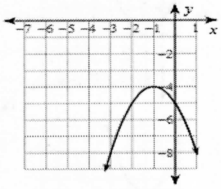
6)



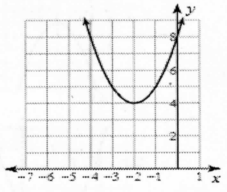
7)



8)



9)



10)