

Name: _____ Hour: _____ Date: _____

Graphing Quadratics in Standard Form Practice I

DIRECTIONS: Sketch a graph of each of the following quadratics. Remember that you must include five points on each of your graphs.

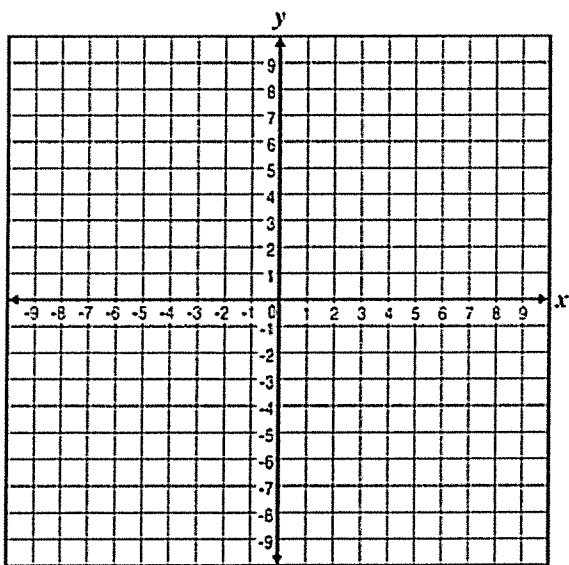
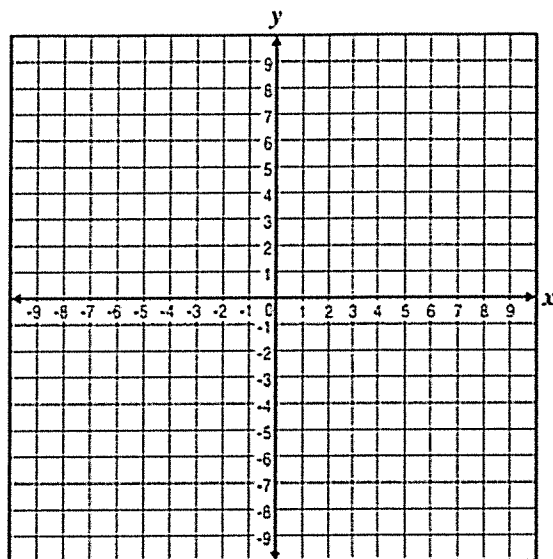
1) $f(x) = x^2 - 6x + 9$

y-intercept:

axis of symmetry:

additional point:

vertex:



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

y-intercept:

axis of symmetry:

additional point:

vertex:

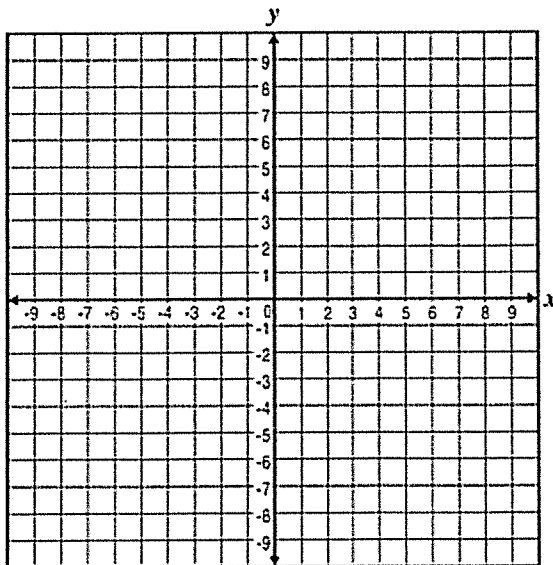
3) $f(x) = x^2 - 6x - 8$

y-intercept:

axis of symmetry:

additional point:

vertex:



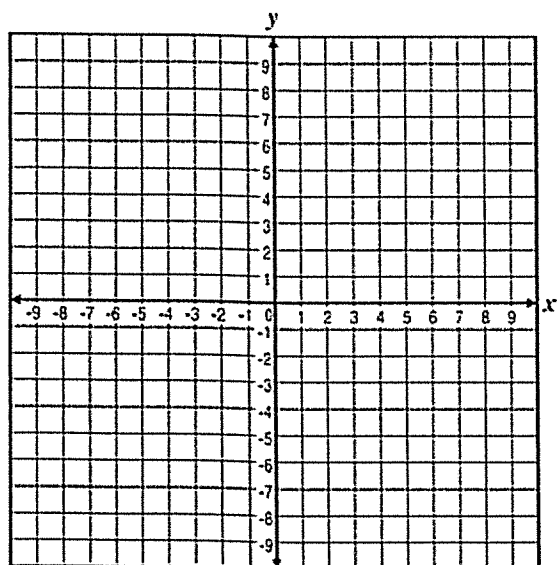
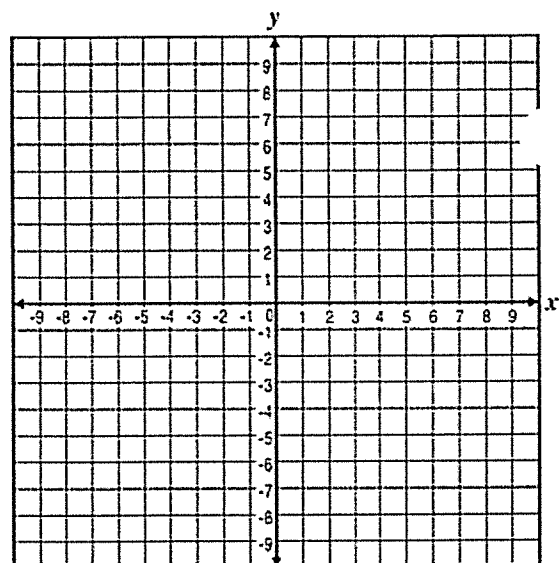
4) $f(x) = -x^2 + 2x + 1$

y-intercept:

axis of symmetry:

additional point:

vertex:



5) $f(x) = -2x^2 - 4x + 6$

y-intercept:

axis of symmetry:

additional point:

vertex:

6) $f(x) = 2x^2 + 4x - 6$

y-intercept:

axis of symmetry:

additional point:

vertex:

