Quadratic Equations 2.2
Algebra 2

Give a, b, and c in the following equations.

1) $y = 3x^2 - 7x - 2$ 　　　　2) $y = -x^2 + 8$ 　　　　3) $y = 2x^2 + x - 5$ 　　　　4) $y = 4x^2 - 12x$

5) Give the quadratic formula.

Use the quadratic formula to find the roots of the following equations. Graph the equations with the vertex and intercepts.

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

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