COLLEGE REVIEW MATH SECTION 1G

QUADRATIC FUNCTION AND THEIR GRAPHS

Graph each parabola. Label the vertex, axis of symmetry, and find at least four other points. **Method #1** (the one you learned in Algebra II)













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

Vertex = (2, -3)

$$x = \frac{0}{2(-3)} = \frac{0}{-6} = 0$$

$$y = 7 - 3(0)^{2}$$

$$y = 7$$
Vertex = (0, 7)

