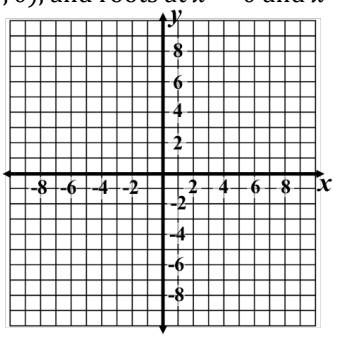
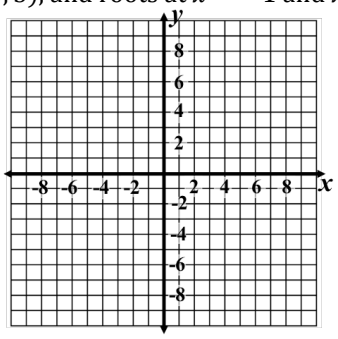
Name: _____

Graphing Quadratics from their Features
Practice

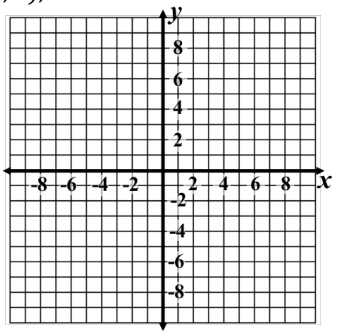
1. Graph the quadratic that has a vertex at $(3, 9)$, a y-intercept at $(0, 0)$, and roots at $x = 0$ and $x = 6$.



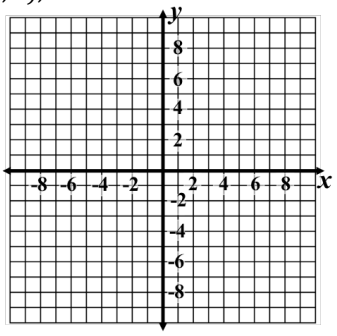
2. Graph the quadratic that has a vertex at $(1, 4)$, a y-intercept at $(0, 3)$, and roots at $x = -1$ and $x = 3$.



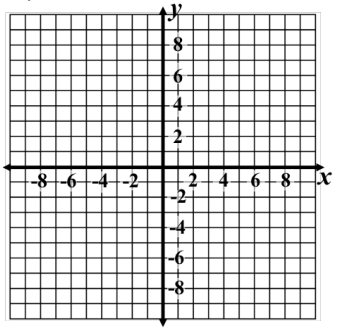
3. Graph the quadratic that has a vertex at $(2, -3)$, a y-intercept at $(0, 9)$, and roots at $x = 1$ and $x = 3$.



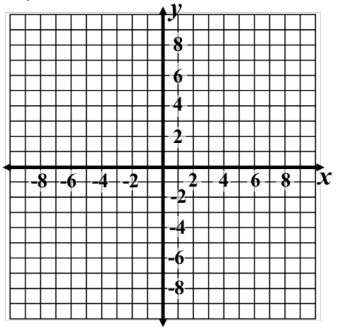
4. Graph the quadratic that has a vertex at $(-4, -9)$, a y-intercept at $(0, 7)$, and roots at $x = -7$ and $x = -1$.



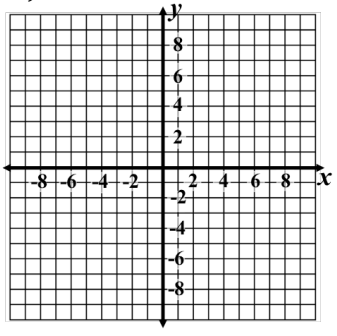
5. Graph the quadratic that has a vertex at $(1, 0)$, a y-intercept at $(0, 3)$, and a root at $x = 1$.



6. Graph the quadratic that has a vertex at $(-3, -4)$, a y-intercept at $(0, 5)$, and roots at $x = -5$ and $x = -1$.



7. Graph the quadratic that has a vertex at $(0, 9)$, a y-intercept at $(0, 9)$, and roots at $x = -3$ and $x = 3$.



8. Graph the quadratic that has a vertex at $(-4, -1)$, a y-intercept at $(0, 0)$, and roots at $x = -8$ and $x = 0$.