

NAME \_\_\_\_\_  
DATE \_\_\_\_\_

# QUADRATIC EQUATION VERTEX FORM WORKSHEET

1. Given a vertex of  $(0, 3)$  . Find the equation of a parabola that passes through the point  $(1, 4)$
2. Given a vertex of  $(-1, 2)$  . Find the equation of a parabola that passes through the point  $(0, 3)$
3. Given a vertex of  $(-2, 1)$  . Find the equation of a parabola that passes through the point  $(0, 5)$
4. Given a vertex of  $(-1, -4)$  . Find the equation of a parabola that passes through the point  $(1, 0)$
5. Given a vertex of  $(-2, -9)$  . Find the equation of a parabola that passes through the point  $(1, 0)$