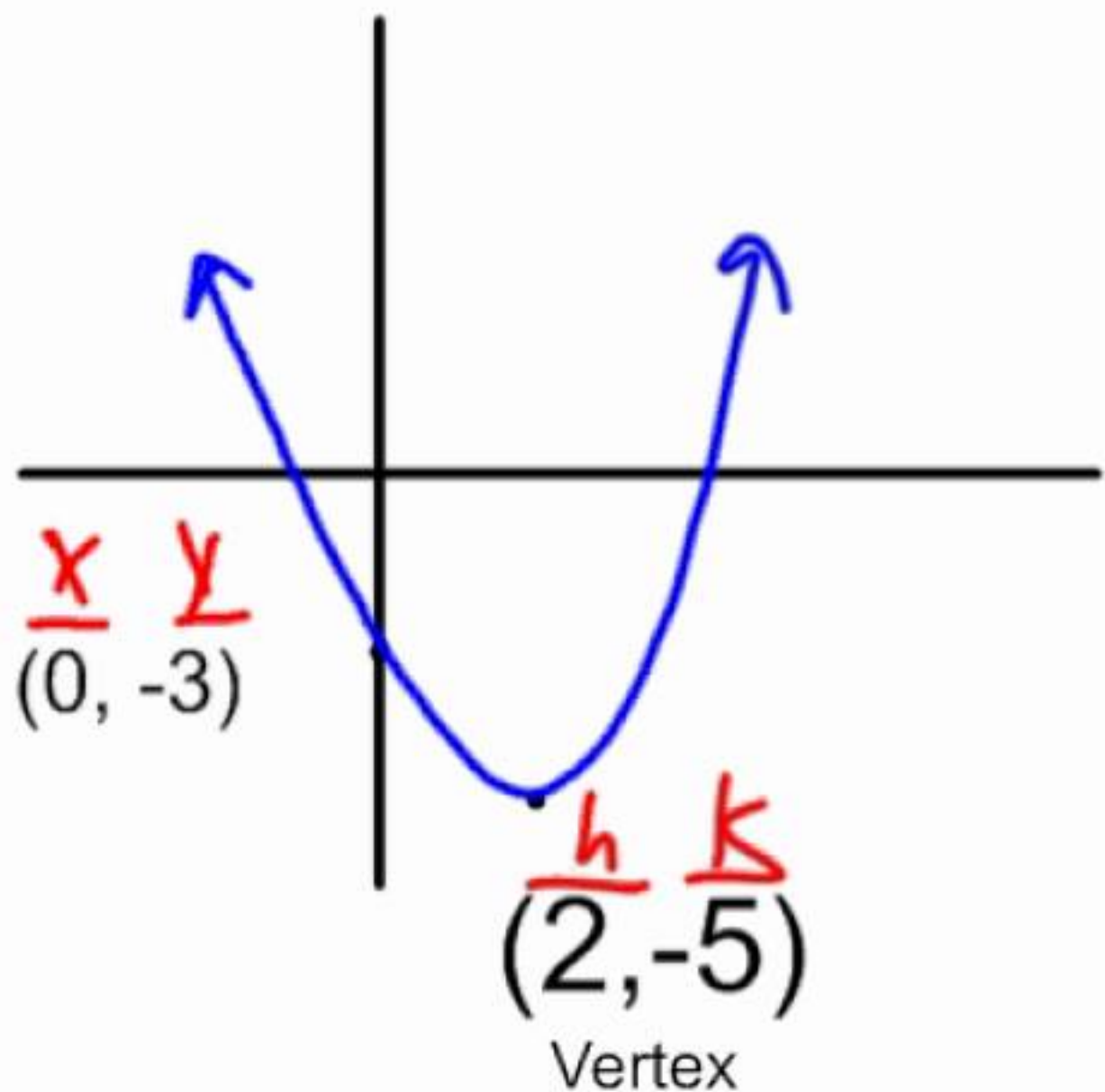


Example 2 Write the equation of the parabola in vertex form.



$$y = a(x - h)^2 + k$$
$$-3 = a(0 - 2)^2 + -5$$