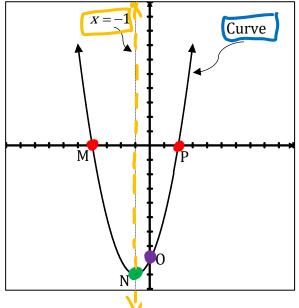
Let's start with a vocab recap:

Name the key components of the Quadratic below:

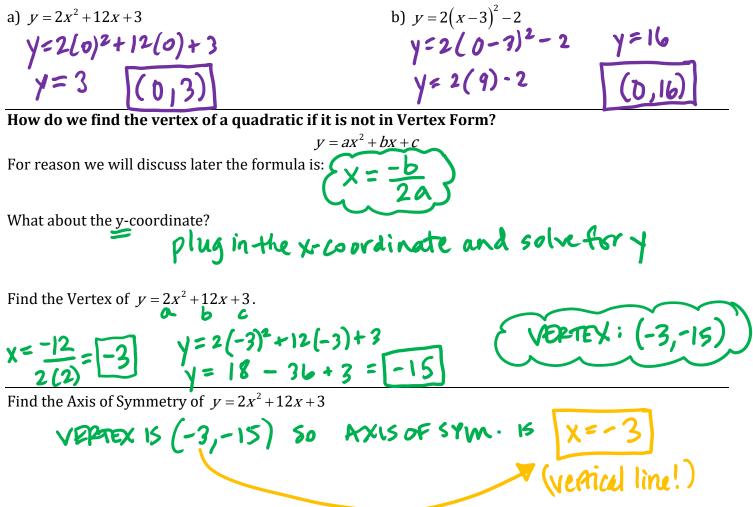


Curve: parabola
M and P: X-intercepts
(to be dealt with later)
N: Vertex (max or min)
O: y-intercept

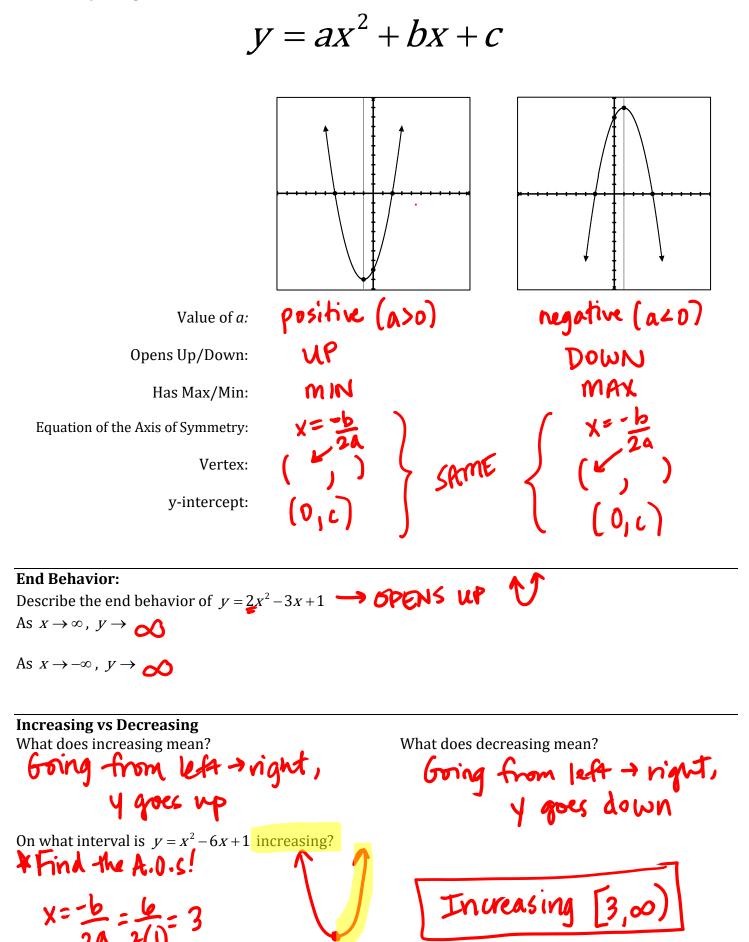
$$x=-1:$$
 Axis of symmetry

How do we find the y-intercept of a quadratic? Let x=0

Find the y-intercept of



In summary, if a quadratic is in **Standard form**:



(3,_____

We've graphed when the quadratic is in **vertex form**, but what if it is in **standard form**?

