WAY GOOL Algebra	Name	Period
Parabolas	Putting It All Together	Assign #
1) Declare the coefficients of each Quadratic. $y = \frac{1}{2}x^2 + x - 12$ $a = b = c = c = b = c = c = c = c = c = c$		
2) Deterimine the parabola's a) <u>y-intercept</u> a) b)	and b) <u>direction</u> . a)	b)
3) Use the Discriminant to explain <u>how many solutions</u> and if factorable each Quadratic has. SHOW WORK!		
4) Find the Roots by <u>solving</u> each Quadratic . If factorable, then Factor, otherwise use Formula. SHOW WORK!		
5) Find the Vertex of each quadratic's parabola and use it to help make a table of values. SHOW WORK.		
6) Make a table and graph . LABEL the Vertex, x-intercepts, and y-intercept.		