

Algebra 2  
Parts of a Quadratic Function NOTES

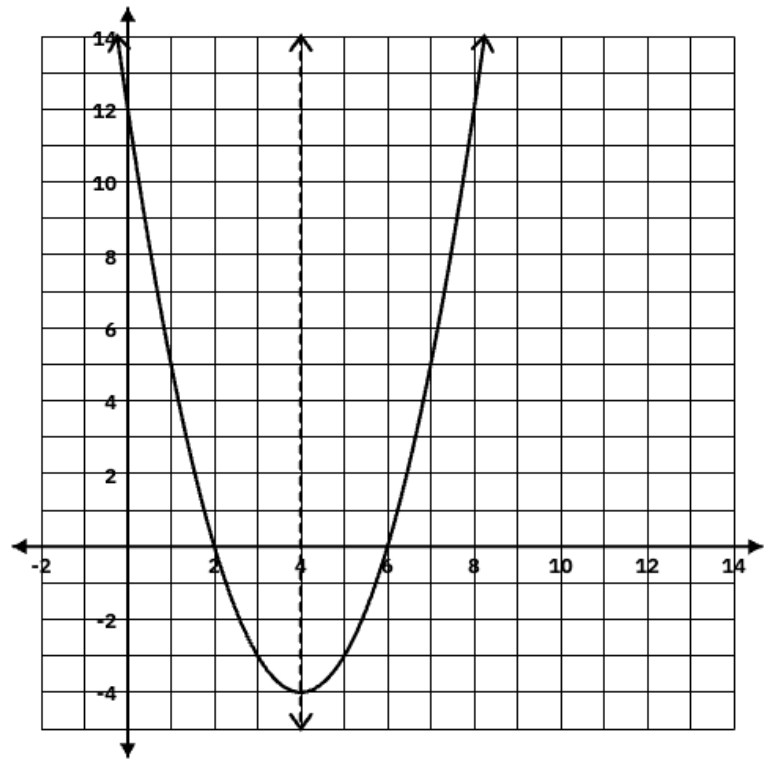
Name: \_\_\_\_\_

Date: \_\_\_\_\_

This is the graph of  $y = x^2 - 8x + 12$ .

1. Find the y-intercept (where  $x = 0$ ).

2. Factor and find the zeros.



3. Write the Quadratic Function in Vertex Form

4. What is the axis of symmetry? Find some “reflected points” on the graph.

There are three forms of a quadratic function. Each form gives different information about the graph of the quadratic function.

Fill in the table with the equations from the other side and describe what each form says about the graph.

Name:	STANDARD FORM	VERTEX FORM	INTERCEPT FORM
equation			
Information about the graph			

