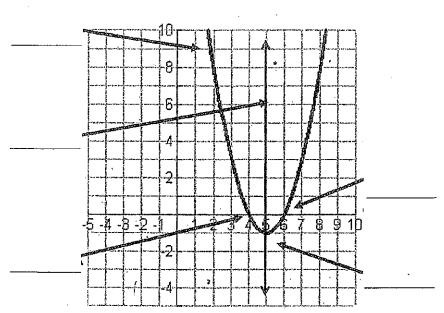
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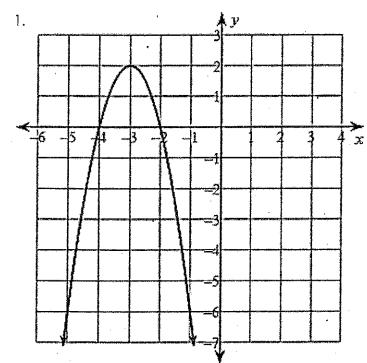
Look at the graph below. Are there any similarities or characteristics you know based on what you learned about linear equations? Are there any characteristics applying to quadratics that

are new or different?

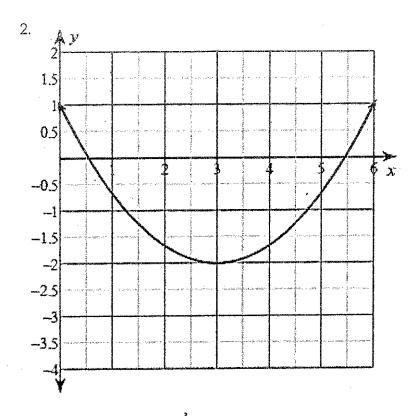


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Y-intercept	·
Maximum	
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Axis of Symmetry	
Left End Behavior	As x→-∞, y→
Right End Behavior	As x→∞, y→

Let's try some more!



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Left End Behavior	As x→-∞, y→
Right End Behavior	As x→∞, y→



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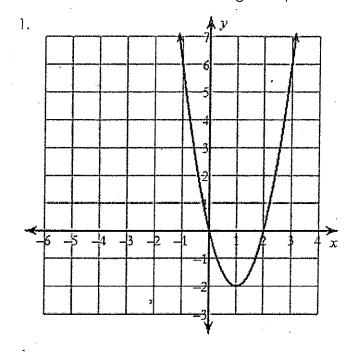
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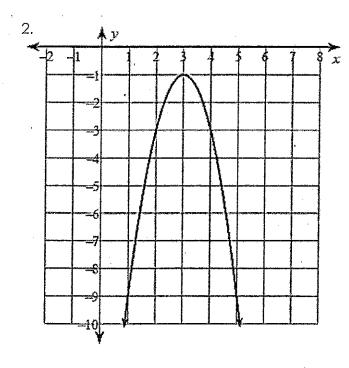
How could you find the zeros without looking at the graph? *Think back to last semester!*

Name:	
	Date:

Fill in the characteristics of the given quadratic equation.



CHARACTERISTICS				
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Left End Behavior	As x->-∞, y->			
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Right End Behavior	As x→∞, y→

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	Increasing:	Decreasing: _		
	Axis of Symmetry:			
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	Vertex:	Extrema:		
	X intercept(s):	Y Intercept: _		
	Increasing:	Decreasing: _		
	Axis of Symmetry:	<u></u>		
3.	Domain:	Range:		
	Vertex:	Extrema:		
. •	X intercept(s):	Y Intercept:		
	Increasing:	Decreasing: _		
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