**LT #2: Standard Form of a Quadratic**

1. $ $(1 point each)

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Given $f(x)=2x^{2}-4x-1$
	1. Does the graph of *f(x)* open up or down?
	2. Identify the vertex
	3. Identify the axis of symmetry
	4. Identify the maximum or minimum value
	5. Identify the domain of the function
	6. Identify the range
	7. Identify the y-intercept of *f(x).* Write as a coorindate.
	8. Write the function in vertex form