Name:				

Graphing Quadratics in Standard Form

For each of the following, graph the equation in standard form. Be sure to identify the key parts.

1.
$$y = -x^2 + 2x + 1$$

AoS: _____

Vertex: _____

y-intercept: _____

Domain: _____

Range: _____

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					L	L					
						L					
						L					
				L	L					Ш	
			Ш	L	L	L				Ш	
			Ш		L	L				Ш	l

2.
$$y = \frac{1}{3}x^2 - 2x - 1$$

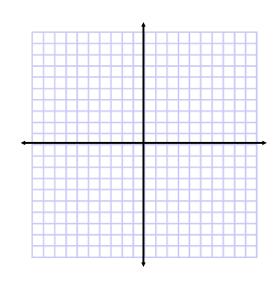
AoS: _____

Vertex: _____

y-intercept: _____

Domain:

Range: _____



THERE IS A BACKSIDE TO THIS ASSIGNMENT

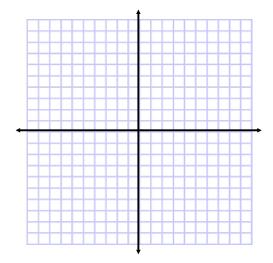
3.	<i>y</i> =	$= 4x^2$	+	8 <i>x</i>	– 5
Ao	S: _				

Vertex:

y-intercept: _____

Domain: _____

Range: _____



4.
$$y = -\frac{1}{2}x^2 + 4x - 6$$

AoS: _____

Vertex: _____

y-intercept: _____

Domain: _____

Range: _____

