

Name: _____
A2H: Vertex Form

Date: _____
Ms. Loughran

Do Now:

Put the following quadratics in vertex form, and then find all of the following for it:

- (a) the vertex
- (b) the axis of symmetry
- (c) the x -intercepts, if any
- (d) the y -intercepts
- (e) the domain
- (f) the range

1. $y = -2x^2 - 4x + 11$

2. $y = 3x^2 - 5x + 1$