Name : _____ Score : _____

Teacher : _____ Date : _____

Properties of Parabolas

Identify the following.

1) $x = -2y^2 - 4y + 70$

Min/Max value:
Latus:
y-int:
x-int:
Vertex:
Axis of Symmetry:
Opens:

2) $y = 2x^2 - 4x - 6$

Min/Max value:
Latus:
y-int:
x-int:
Vertex:
Axis of Symmetry:
Opens:

3) $y = -2(x - 3)^2 + 2$

Min/Max value:
Latus:
y-int:
x-int:
Vertex:
Axis of Symmetry:
Opens:

4) $x = 2(y - 3)^2 - 2$

Min/Max value:
Latus:
y-int:
x-int:
Vertex:
Axis of Symmetry:
Opens:

5) $x = 2y^2 - 24y + 70$

Min/Max value:
Latus:
y-int:
x-int:
Vertex:
Axis of Symmetry:
Opens:

6) $y = -2(x - 6)^2 + 2$

Min/Max value:
Latus:
y-int:
x-int:
Vertex:
Axis of Symmetry:
Opens: