NC Math 1B Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Unit 4 Part II Lesson 1.5 Homework: More Key Features of a Parabola**

## Macintosh HD:Users:Mike:Dropbox:Math 1B - Spring 2015:Unit 4 - Quadratics:Misc Graphs:graph_4.jpg

solution(s): vertex:

x-intercept(s): domain:

 range:

y-intercept: increase:

axis of sym: decrease:

Maximum or Minimum (circle)

solution(s): vertex:

x-intercept(s): domain:

 range:

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Maximum or Minimum (circle)

solution(s): vertex:

x-intercept(s): domain:

 range:

y-intercept: increase:

axis of sym: decrease:

Maximum or Minimum (circle)

1.



2.



3.

**SOLVE BY FACTORING or BY SQUARE ROOT PROPERTY**

4. 6x2 = – 21x 5. (3x – 1)2 = 49 6. 16x – 12 = – 3x2 + 9x + 8 7. 2x2 – 76 = 52