**Math 3 Review for Quiz Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**YOU MUST SHOW YOUR WORK TO RECEIVE CREDIT!!**

Using Completing the Square, write in **VERTEX FORM** and **SOLVE**:

Macintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-17 at 5.36.53 PM.pngMacintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-17 at 5.37.20 PM.png

1. 2.

Macintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-17 at 5.46.21 PM.pngMacintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-17 at 5.37.11 PM.png3. 4.

Macintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-17 at 5.41.28 PM.pngMacintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-17 at 5.41.33 PM.png5. 6.

Solve using the **Quadratic Formula**:

Macintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-17 at 5.51.52 PM.png

Macintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-17 at 5.51.44 PM.png7. 8.

Macintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-17 at 5.52.02 PM.pngMacintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-17 at 5.53.05 PM.png9. 10.

Macintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-17 at 5.54.55 PM.pngMacintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-17 at 5.54.47 PM.png11. 12.

Find the **VERTEX**, **AXIS OF SYMMETRY**, and **ZEROS :**

Macintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-17 at 6.08.06 PM.pngMacintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-17 at 6.07.52 PM.png

13. 14.

Macintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-17 at 6.15.40 PM.pngMacintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-17 at 6.16.05 PM.png

15. 16.

**Solve by taking the square root:**

Macintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-18 at 7.10.59 PM.pngMacintosh HD:Users:houckke:Desktop:Screen Shot 2014-11-18 at 7.10.52 PM.png17. 18.