Algebra I Class Work 8.4

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Directions: You may use your book, notes, calculator, friends, and teacher. However you may not copy someone else work verbatim. **Show all your work.** If you are not finished at the end of class, write “NEED MORE TIME” at the top and turn your paper in – **you may not take it home.** You have one week to finish it.

Describe the translation(s) of the graph of

State the coordinates of the vertex or point of inflection of each function.

Write the function role for each translation of the base function .

1. 3 units up
2. 1 unit left