Name:

Constructed Response – Group 2 – 11/3/14

Find a word problem below. In order to receive full credit for this assignment, **you must not only show your math work, but you must explain in writing how you solved the problem.**

The diagram shows the quadrilateral *ABCD* and the line *y = x*.

1. Reflect *ABCD* into *A1B1C1D1* in the line *y = x*. Write down the coordinates of the reflected image *A1B1C1D1.*
2. Deduce the coordinates of the image of a general point (*a, b*) reflected in the line *y = x*.