

Reflection Activity:

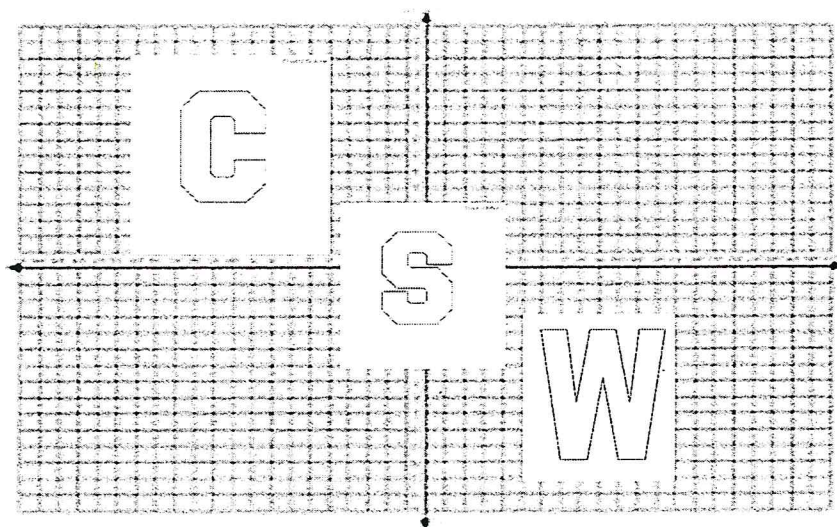
On a piece of graph paper, create an x- and y-axis.

Making sure the long edge of your paper is horizontal, write your initials diagonally on the graph in **block letters**. You must use 3 letters exactly for this activity. You must use one color for all 3 letters (all 3 should be the same color).

Your first initial should be in quadrant 2, your 2nd initial should be centered on the origin (so it is in all 4 quadrants) and your last initial should be in quadrant 4.

Here is an example of what your graph paper should look like when you finish your initials:

(Your letters should be placed on nice coordinate points so you can reflect much easier)



Then follow these directions to reflect each letter differently – when you reflect your letters, make sure you use a different color so you can tell the letters apart.

1st Initial: Reflect over the x-axis

2nd Initial: Reflect over the line $y = x$

3rd Initial: Reflect over the y-axis

Use the Mira Board to check your work and ensure you correctly did your reflections.