Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Step 1: Create a design or shape that you will be able recreate (or at least approximate) with straight lines

Step 2: Plot points on the coordinate plane and draw straight lines between them to recreate your design



Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Step 3: List the coordinate pairs you used in Step 2 in the order that they are connected. If you want to mirror them across the x-axis or the y-axis, write “Mirror across x-axis” or “Mirror across y-axis” for that step.

1. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
6. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
7. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
8. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
9. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
10. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
11. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
12. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
13. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
14. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
15. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
16. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
17. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
18. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
19. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
20. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
21. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
22. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
23. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
24. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
25. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
26. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
27. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
28. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
29. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_
30. \_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_

Step 4: Pass **only this page** to a partner (**do not show them your design!**) and have them plot and connect the pairs

