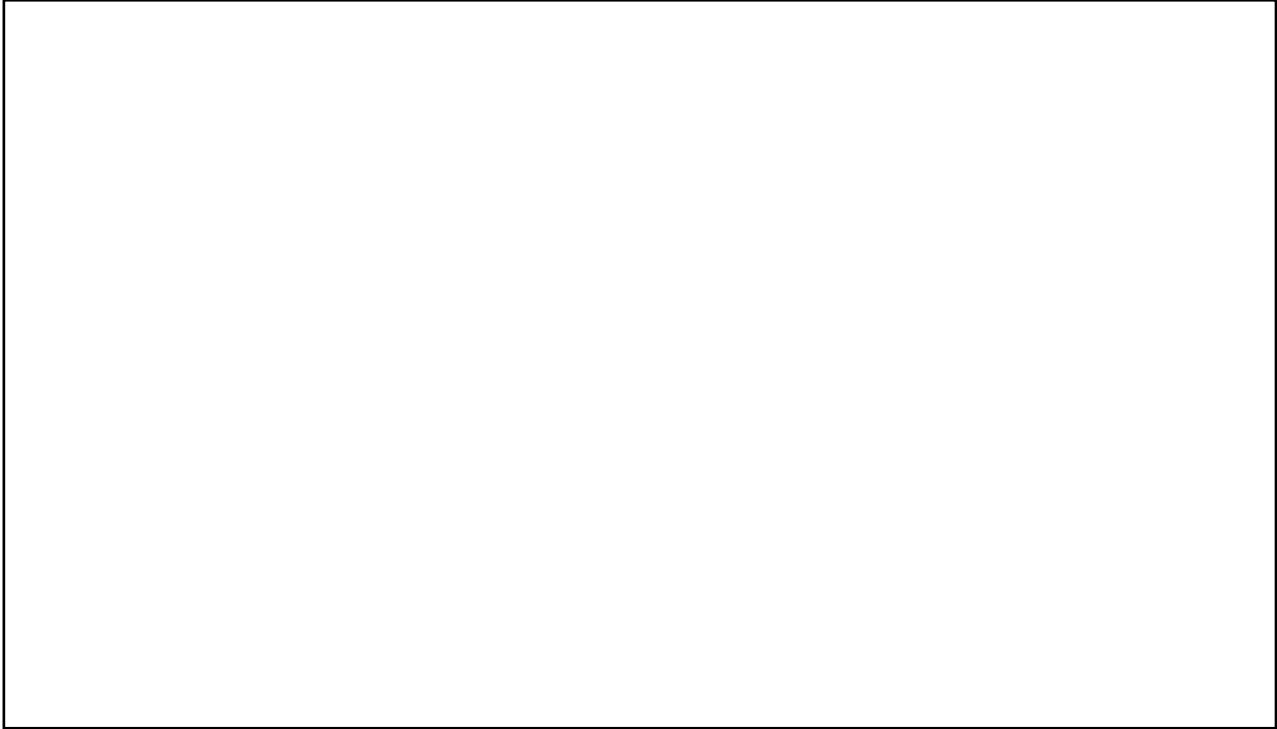# Drawing with coordinates
Using ordered pairs to create (maybe?) beautiful art

Name: _____

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

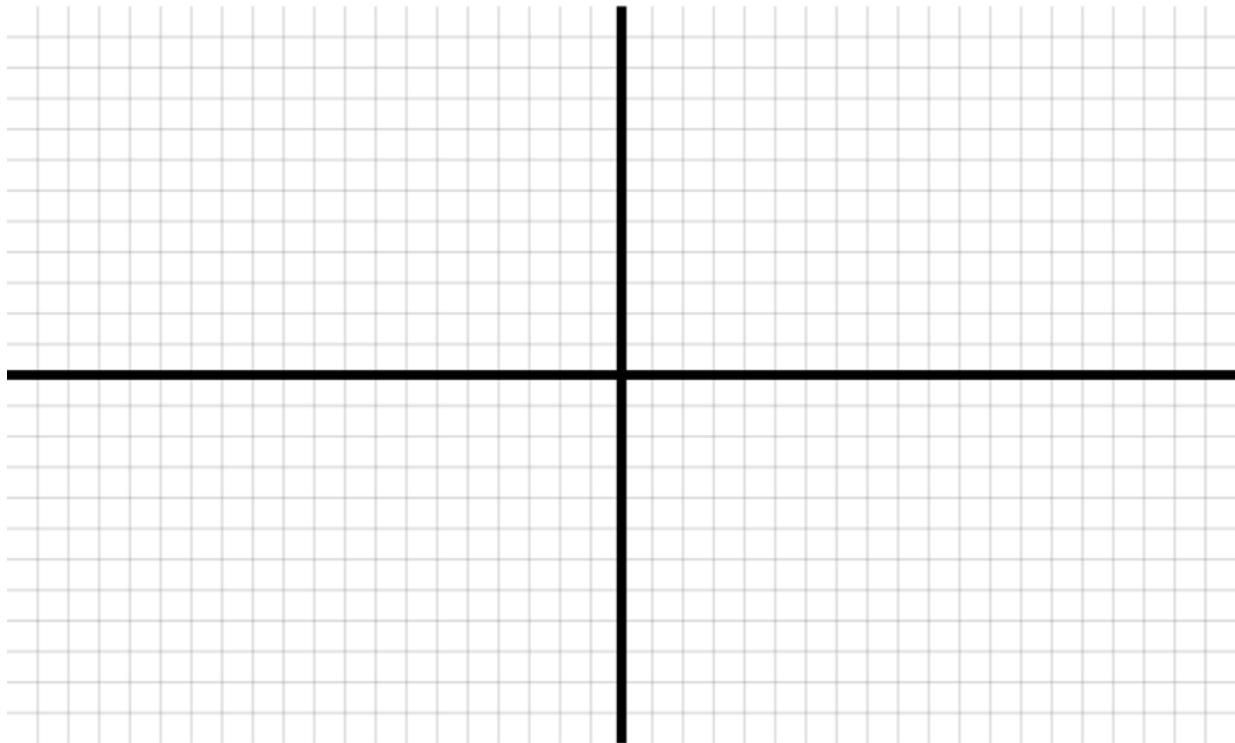Step 2: Plot points on the coordinate plane and draw straight lines between them to recreate your design

Drawing with coordinates
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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. _____ , _____   11. _____ , _____   21. _____ , _____

2. _____ , _____   12. _____ , _____   22. _____ , _____

3. _____ , _____   13. _____ , _____   23. _____ , _____

4. _____ , _____   14. _____ , _____   24. _____ , _____

5. _____ , _____   15. _____ , _____   25. _____ , _____

6. _____ , _____   16. _____ , _____   26. _____ , _____

7. _____ , _____   17. _____ , _____   27. _____ , _____

8. _____ , _____   18. _____ , _____   28. _____ , _____

9. _____ , _____   19. _____ , _____   29. _____ , _____

10. _____ , _____   20. _____ , _____   30. _____ , _____

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