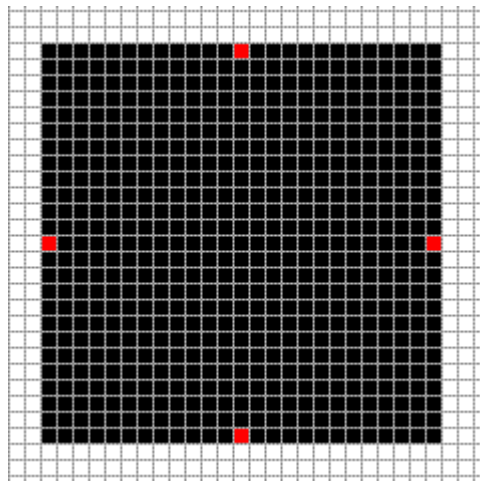
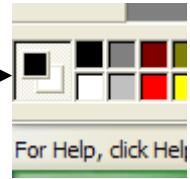
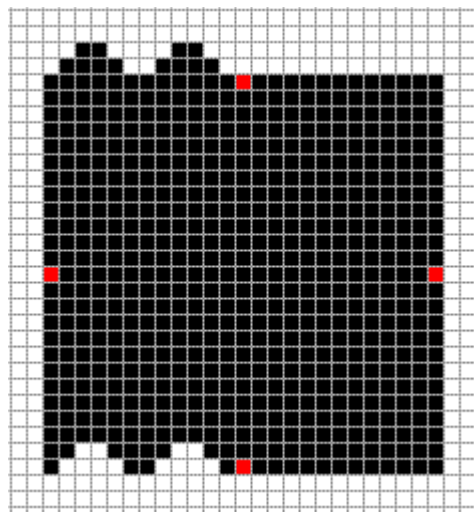


# Sliding Tessellations in Paint

1. Open Paint (START -> PROGRAMS -> ACCESSORIES -> PAINT)
2. Check to see that the foreground color is black and the background color is white.
3. Click VIEW on the menu bar.
4. Select ZOOM.
5. Select CUSTOM.
6. Select 800%.
7. Click OK.
8. Click VIEW.
9. Select ZOOM.
10. Check SHOW GRID.
11. Using the pencil, draw a Black square that is 25x25 pixels. Put a red dot in the exact middle of each side as shown:

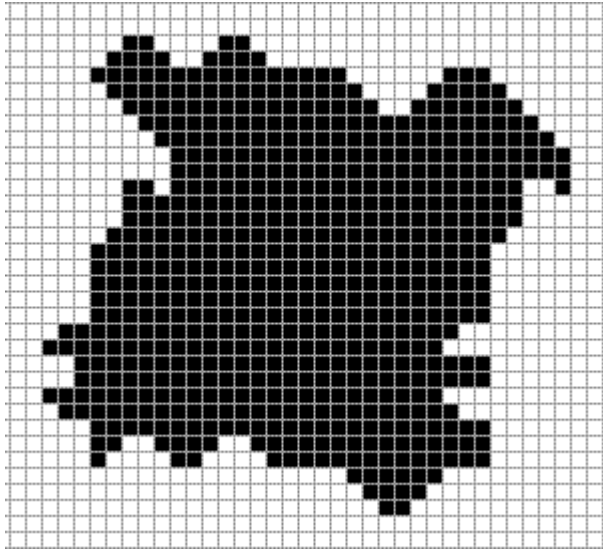


12. To modify the sides, add a small section to one side of the top and then take away the same size section on the bottom of that same side. Be sure that both sections are the same distance away from the end and the red dot. It might look something like this. This is a sliding transformation.



13. Repeat this step for the other three sides.

14. Once you have the shape the way you want it, change the red squares to black.



15. Click VIEW.

16. Choose ZOOM.

17. Choose CUSTOM.

18. Choose 400%.

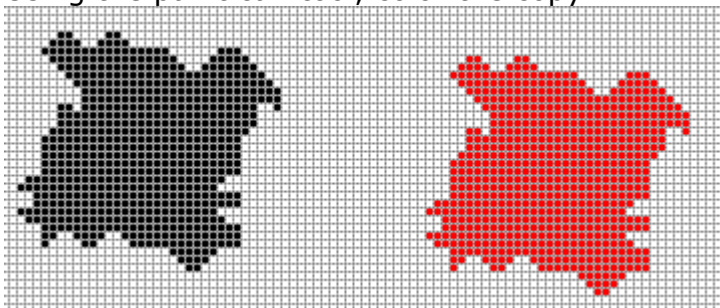
19. Use the SELECT tool to select your new shape.

20. COPY the shape.

21. PASTE the shape.

22. Move the copy next to the original by clicking and dragging.

23. Using the paint can tool, color the copy RED.



24. Click on the SELECT tool.

25. Make sure that TRANSPARENT is selected (see the image).

26. Make sure your background color is set to white.

27. Click on VIEW.

28. Choose ZOOM.

29. Choose CUSTOM.

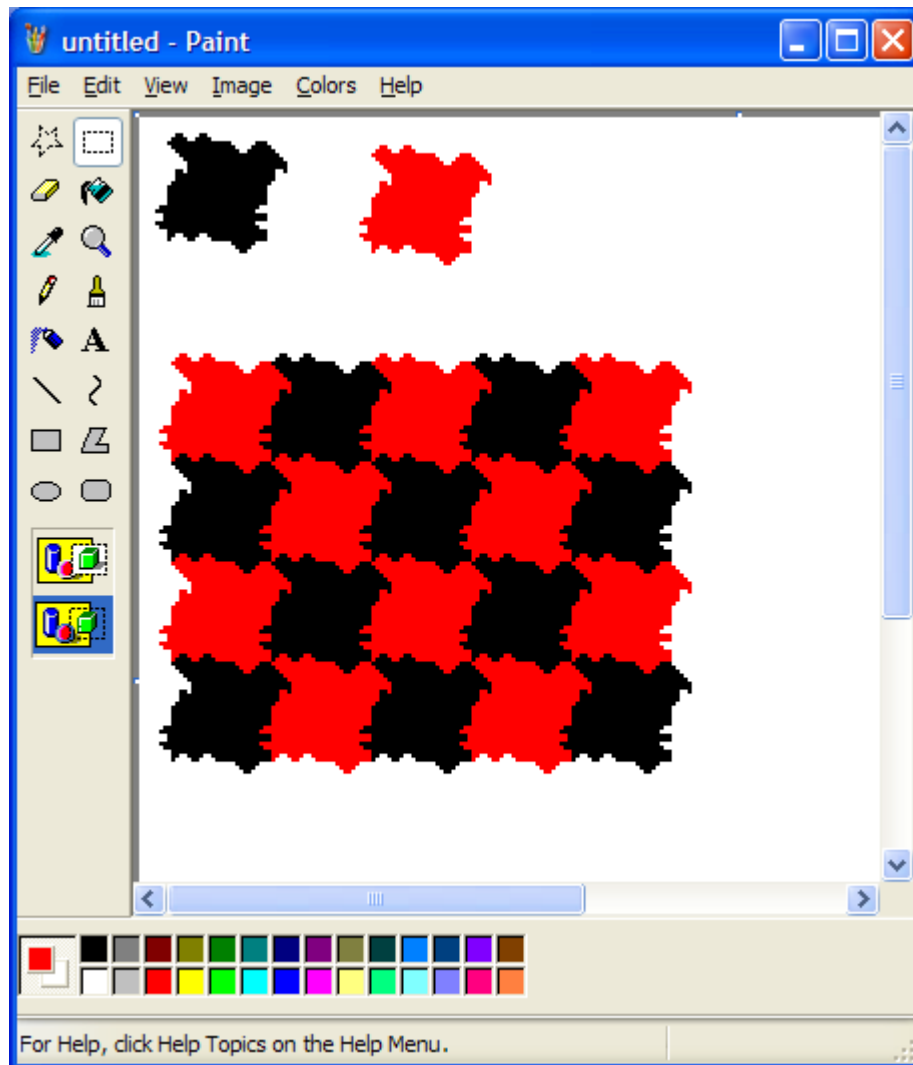
30. Choose 200%.

31. COPY the black shape and put it in the middle of the screen.

32. COPY the red shape and move it next to the black shape.

33. Continue copying and pasting to build your tessellation like this:





34. Once you have finished tessellating your pattern, click VIEW then ZOOM then NORMAL.

***Now that you know how to do it, explore your own ideas for tessellations.***