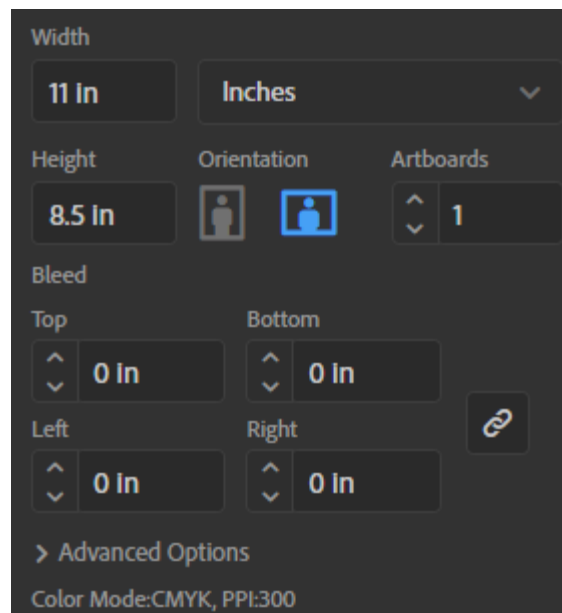


Adobe Illustrator® CC

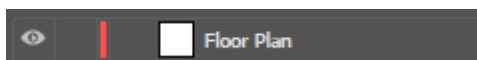
Lesson 8 – Floor Plan

Skills: Align Tool, Pattern Brush, Shape Builder, Artistic Effects, Distort & Transform

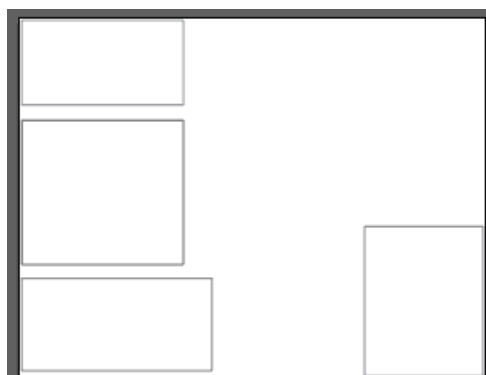
1. File>New. Width = 11, Height = 8.5 and Unit = inches. Click Create
2. Set the Fill color to white and the Stroke color to black.



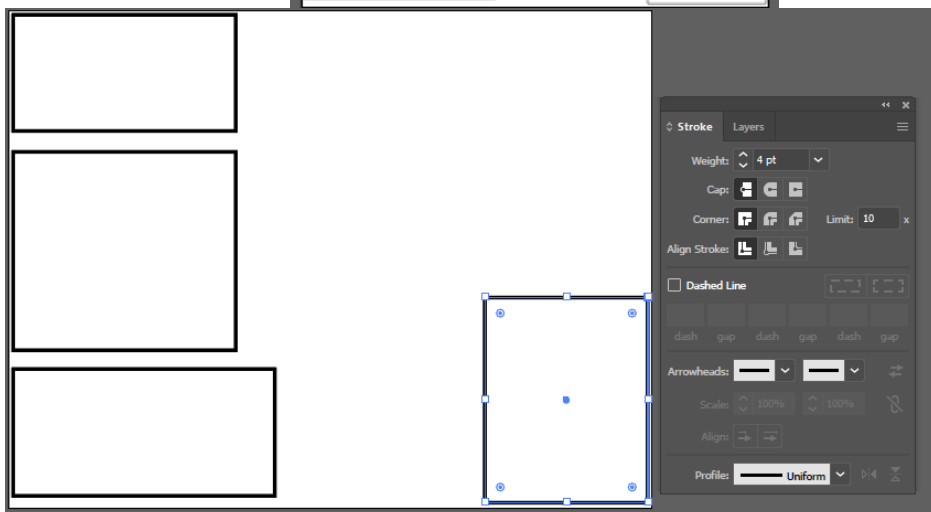
3. Name Layer 1 Floor Plan.



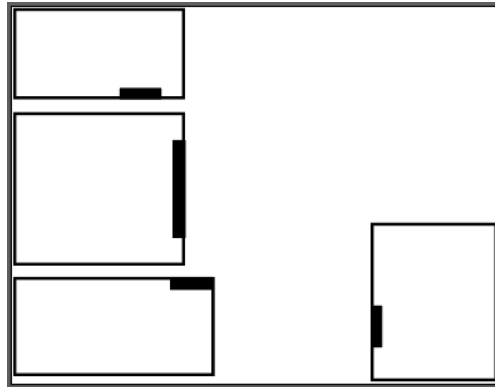
4. Select your Rectangle tool. Draw four rectangles and place them as shown:



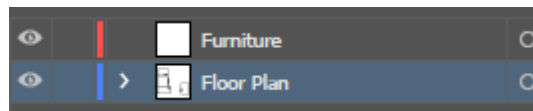
5. Go to Window>Stroke. Select each rectangle and set the stroke weight to 4pt.



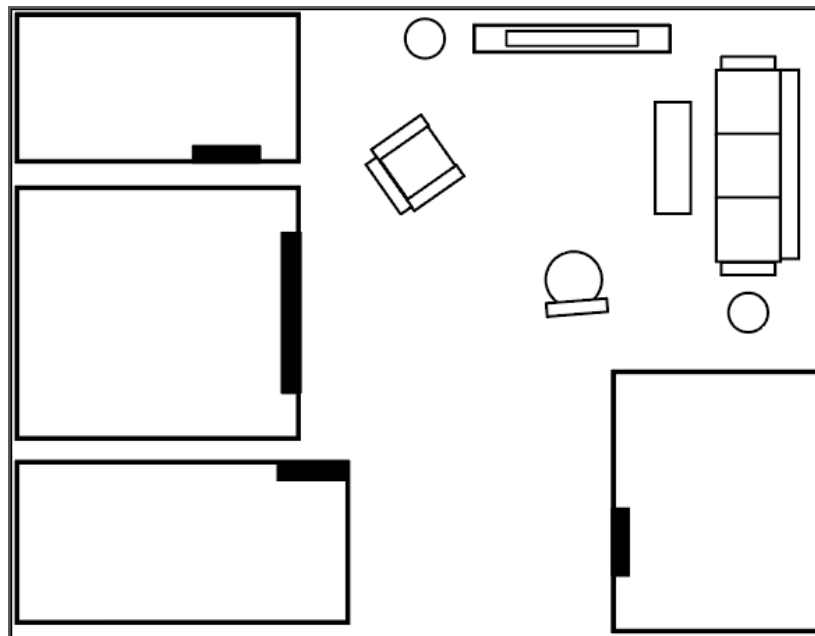
6. Set the Fill color to black. Select the Rectangle tool and draw 4 rectangles as shown:



7. Create a New Layer and rename it Furniture.

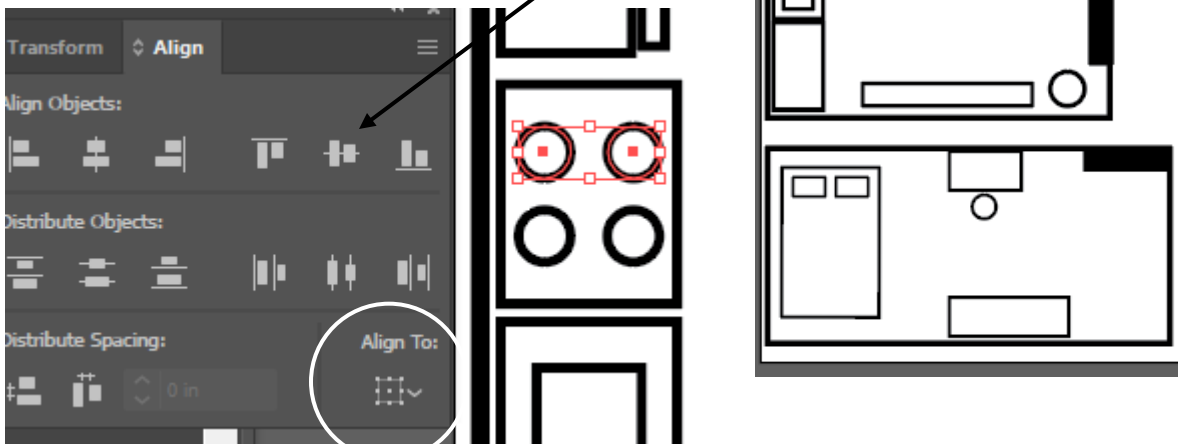


8. Using just the Rectangle and Ellipse tools, add some furniture in the living room. You can use these examples or make up your own furniture style.

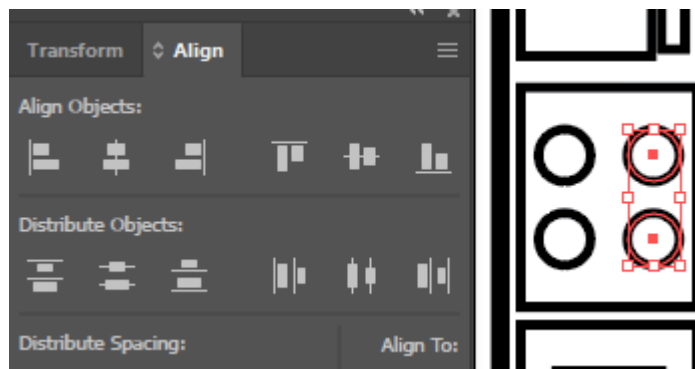


9. Next, add some kitchen items and bedroom furniture. For the burners on the stove, draw four circles. **Hold SHIFT so the circles are perfectly round. Go to Window>Align. Select the top left circle. Hold SHIFT and select the top right circle.

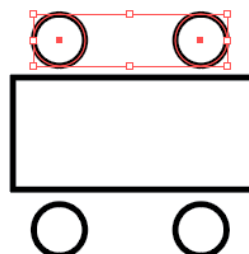
On the Align menu, under Align To: make sure Align to Selection is checked. Click the Vertical Align Center button. Repeat for the bottom circles.



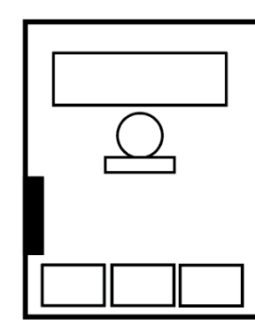
10. Click the top right circle, hold SHIFT, click the bottom right circle. Click the Horizontal Align Center button. Repeat for the top left and bottom left circles. This will make all the circles even with each other.



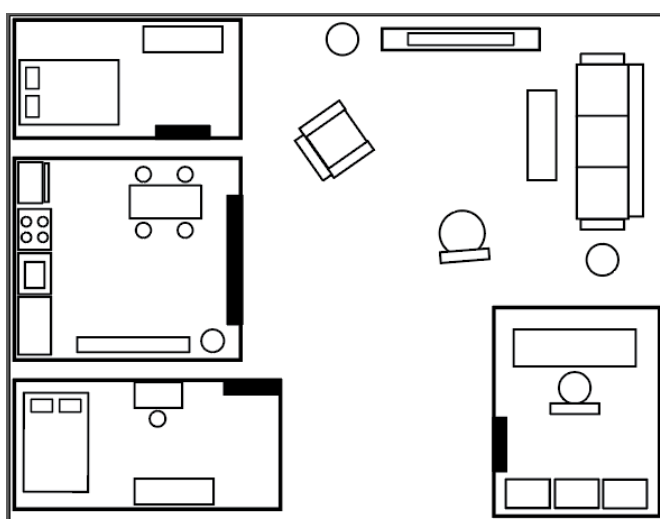
11. Align the circles for the kitchen table too:



12. In the last room, make the following furniture for an office.

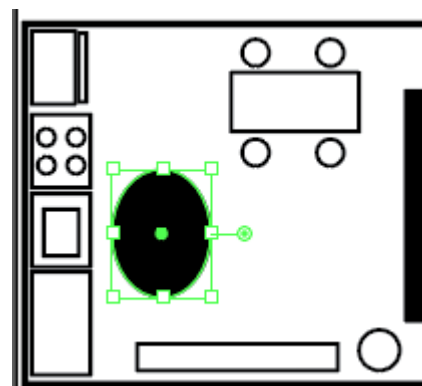
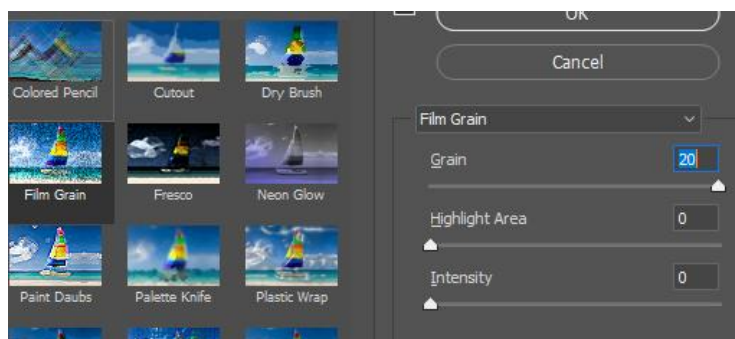


You should now have all the rooms filled in with some furniture. It is fine if your furniture is different!

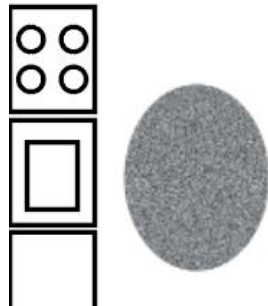


13. Create a new layer. Rename it rugs. Set the Fill color to black. Draw an oval shape. Place it in the kitchen:

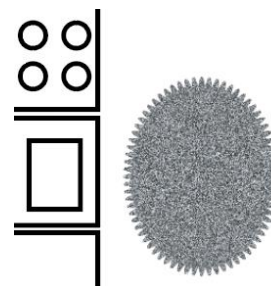
14. Go to Effect>Artistic>Film Grain. Increase the Grain to 20.



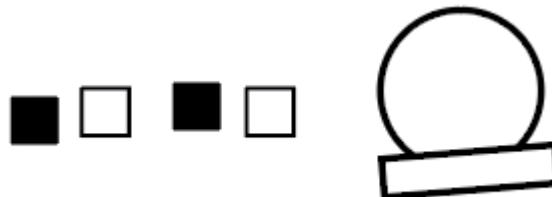
You should get this:



15. Select the oval shape. Go to Effect>Distort & Transform>Zig Zag. Size = 0.03, Ridges per segment = 35, Points = Smooth. You should have something like this:



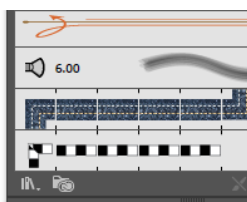
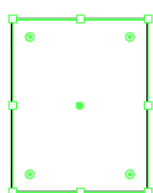
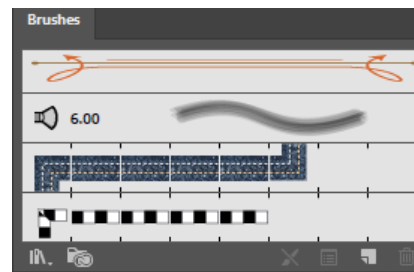
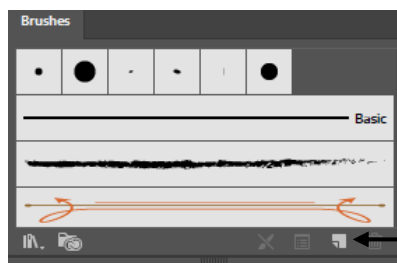
16. Draw four small squares, two black and two white:



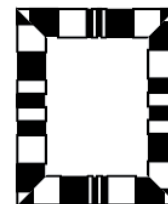
17. Move the squares together. For this rug, it is better if they are a little uneven.



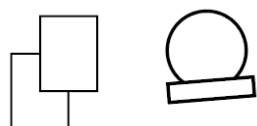
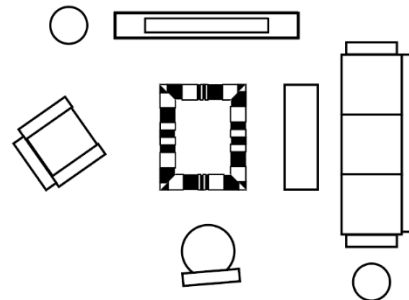
18. Drag a selection box around all the squares with the Black Arrow tool. Go to Window>Brushes. Select New Brush>Pattern Brush. Click OK. Click OK to leave the settings as they are. You should see your new pattern brush:



19. Set the Fill to white and the stroke to black. Draw a rectangle shape. Click your pattern brush. You should get this:



20. Move the rug into the living room or any other area of your choice.

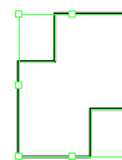


21. Draw two rectangle shapes. Place them as shown:

22. Select both rectangle shapes. Select the Shape Builder tool.



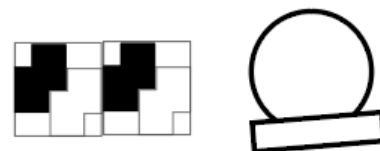
Drag the Shape Builder tool from the bottom left corner of the left rectangle to the top right corner of the right rectangle. This will combine the two shapes into one. You should have this:



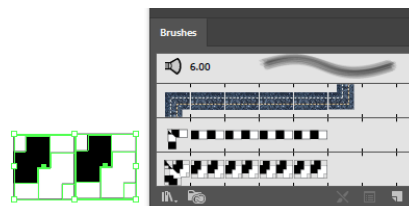
23. Make a copy of the shape and fill it with black. Move the shapes together like this:



24. Set the Fill color to None and Stroke color to black. Draw a square around the new shape: Make a copy and place as shown. Resize them to make them smaller if you need to.



25. Drag a selection box around both new shapes. Click the New Brush button. Select Pattern Brush. Click OK. Click OK again to leave the settings as they are. You should have this:



26. Set the Fill color to None and Stroke color to black. Draw an oval shape. Click your new pattern brush. You should get this. Place the rug wherever you want, and you are done!

