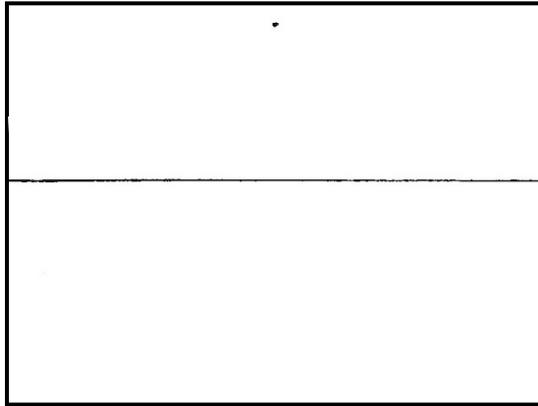


How To Draw

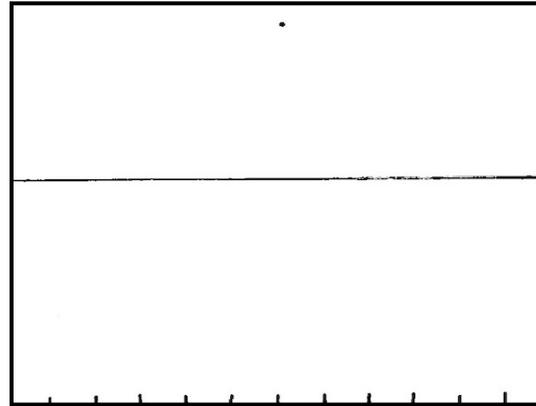
1 Point Perspective Room with Checkerboard Floor

Name: _____

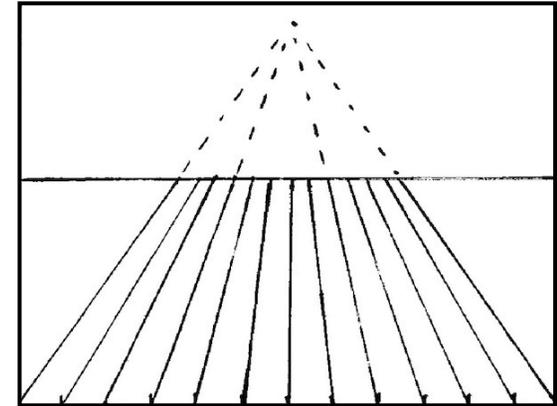
Period: _____ Date: _____



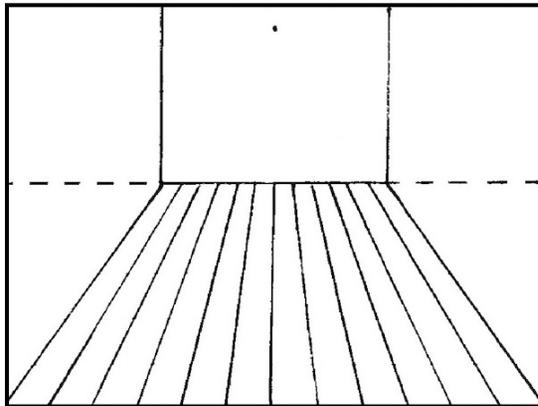
Step 1: Draw your *vanishing point* (top center) and *horizon line* (near the center of the paper).



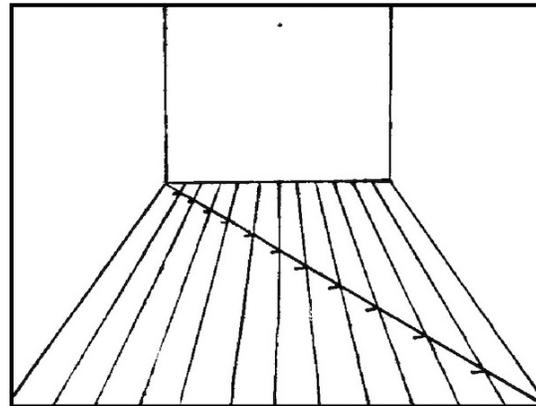
Step 2: At the bottom of the paper, measure and make a mark at 1 inch intervals.



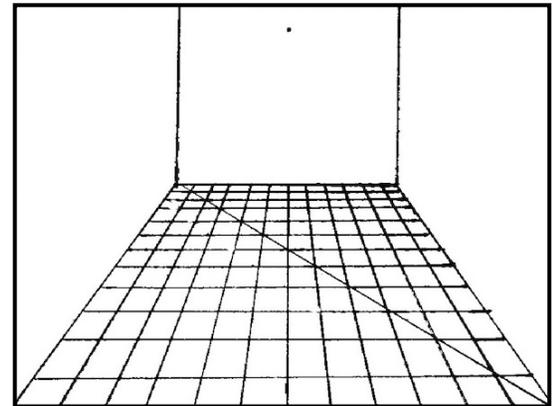
Step 3: At each inch mark (including the bottom corners of the paper) draw a line to the vanishing point. These are *orthogonal lines*. To avoid a lot of erasing, only draw these lines below the horizon line. These will look like floor boards of a hardwood floor.



Step 4: At the *intersection* of the first and last *orthogonal* (floor board) lines, and the *horizon line*, draw a vertical line. This vertical line should be at a 90° angle to the *horizon line*. Erase the extra *horizon line*, as illustrated above by the dashed lines.



Step 5: To make the checkerboard floor, draw a diagonal line from the top left corner of the “floor boards” (where the *horizon line*, the first *orthogonal line* and the left vertical line *intersect*) to the bottom right corner of the “floor boards” (where the last *orthogonal line* ends). Then, mark where the diagonal line intersects with the *orthogonal lines* as shown above)



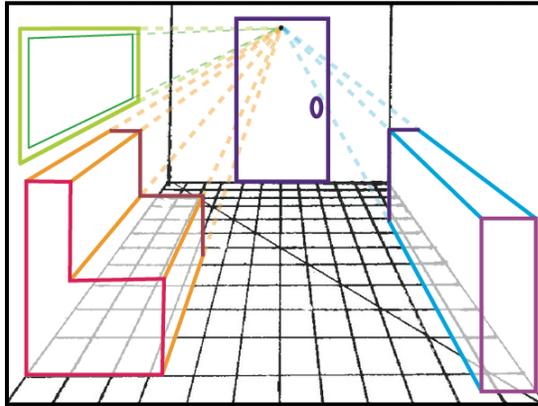
Step 6: Make horizontal lines where you marked (the *intersections* of the *orthogonal lines* and the diagonal line). Please make sure these horizontal lines are *parallel* to the *horizon line*. Using a *T-Square* can help! You will notice the boxes are smaller towards the “back” of the room, and larger as they become closer. This is the illusion of 1 point perspective!

How To Draw

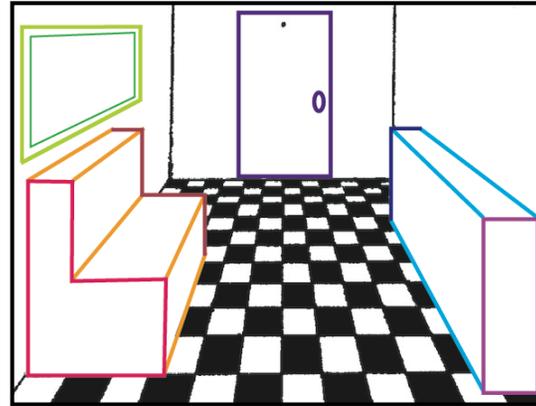
1 Point Perspective Room with Checkerboard Floor

Name: _____

Period: _____ Date: _____



Step 7: Add furniture by creating the face of the object first - meaning the red "L" for the sofa, and purple "l" for the book shelf. Once you have these shapes, connect each corner to the vanishing point (illustrated with the gold lines for the sofa, and blue lines for the book shelf). Then using *parallel lines*, you must "cut" each section off, as illustrated in dark red for the sofa and dark blue for the book shelf. Last, erase the extra *orthogonal* lines as marked by the dotted lines.



Step 8: Lastly erase the extra lines inside the furniture and color in the checkerboard floor. You may also add shading to the furniture if you desire. Remember what is farther away appears darker than what is closer.