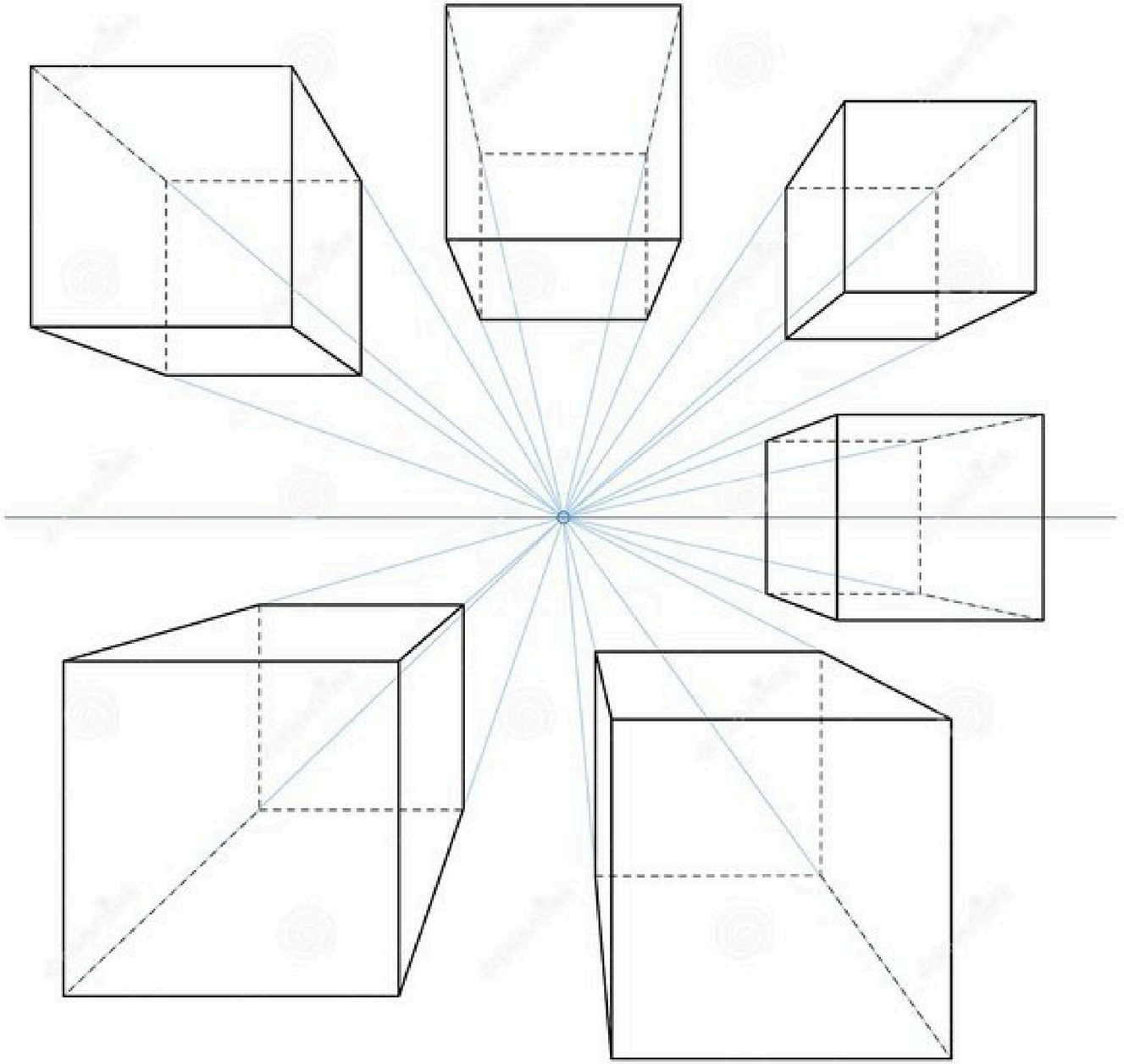
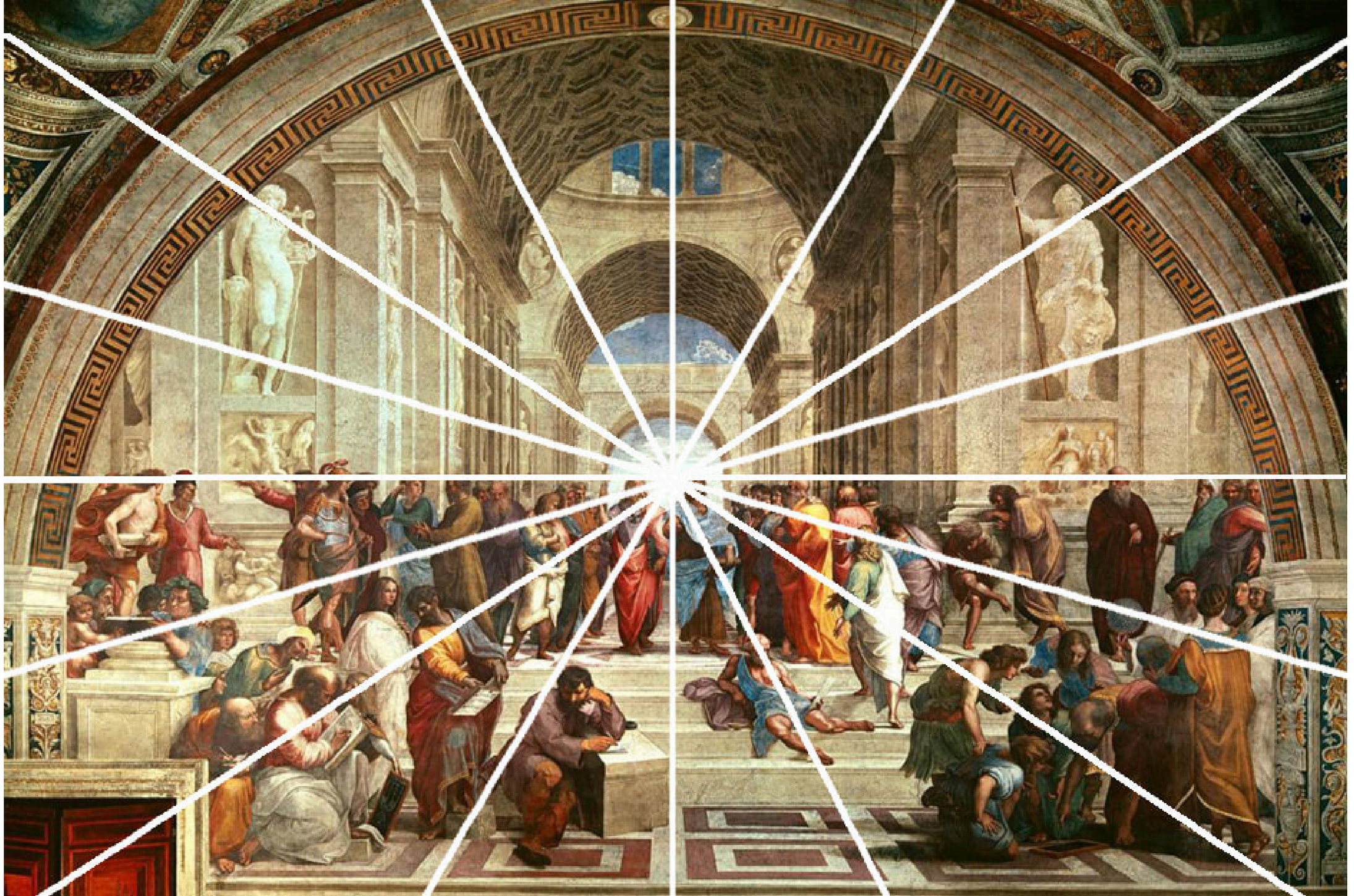
ONE POINT PERSPECTIVE




VANISHING POINT
HORIZON LINE

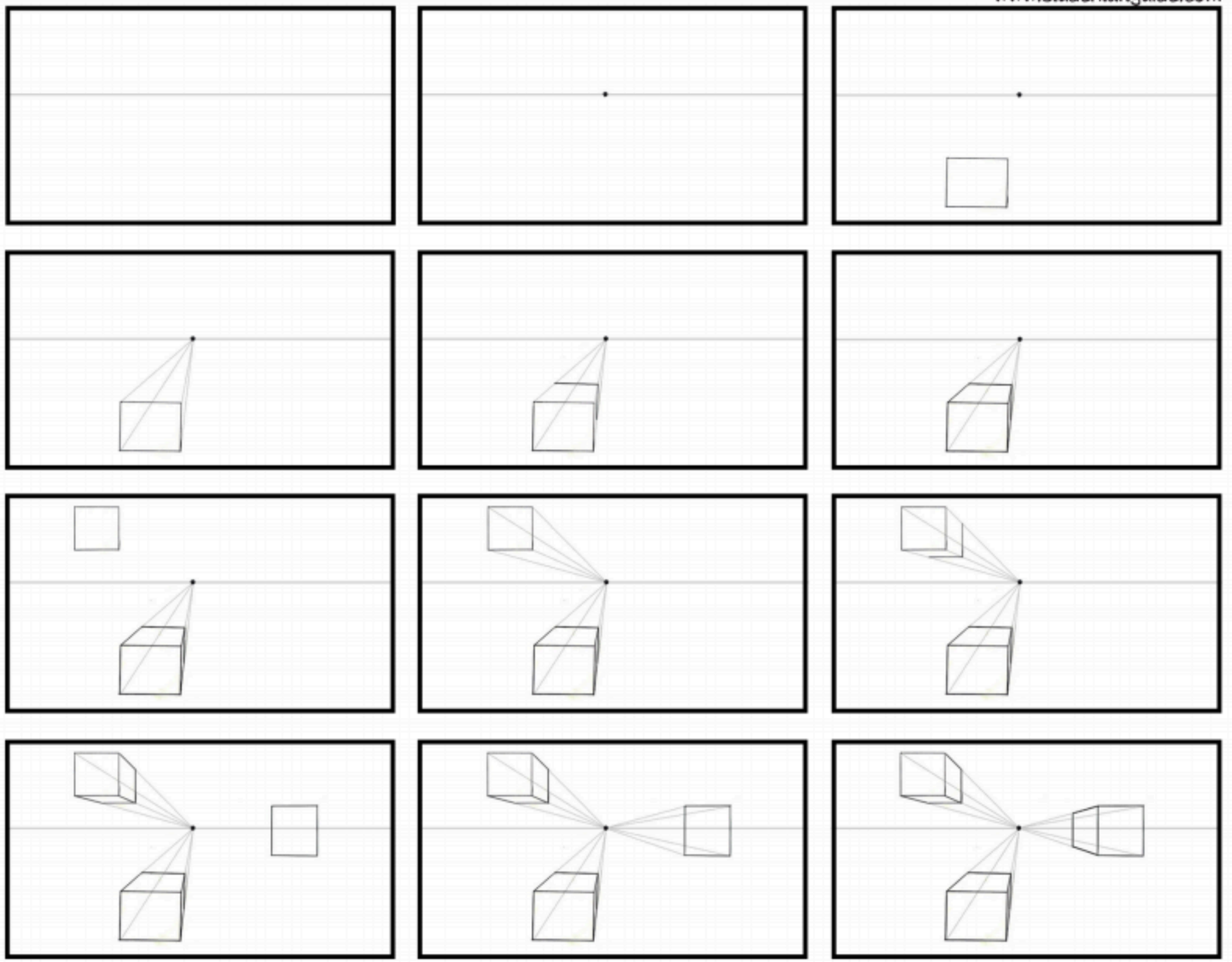


One Point Perspective Cubes

This exercise explains how to draw a cube in one point perspective and takes you through the task of drawing three simple blocks that are positioned above, below and in line with the horizon line.

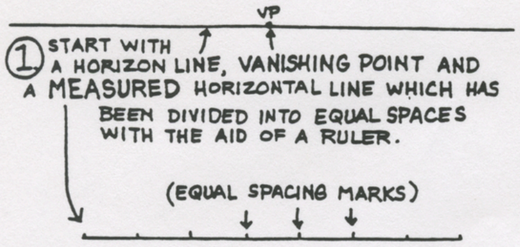
KEY POINTS:

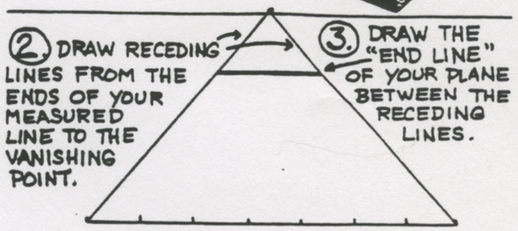
- Objects above the horizon line are drawn as if you are looking up at them (you see the bottom of the object)
- Objects below the horizon line are drawn as if you are looking down on them (you see the top of the object)
- Objects that are in line with the horizon line are drawn as if they are at eye level (you see neither the top or the bottom of the object)

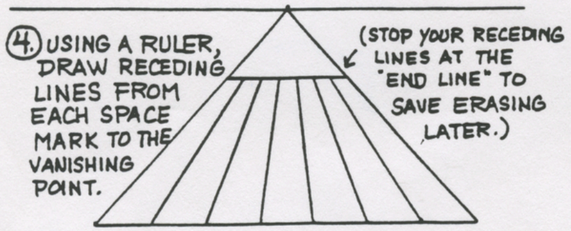


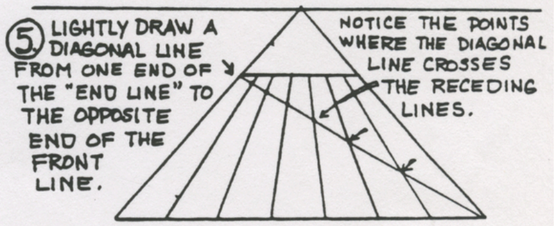
DIVIDING A PLANE IN PERSPECTIVE

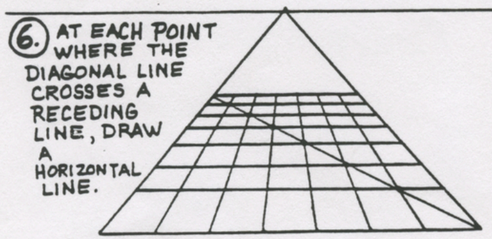
HERE'S A SIMPLE WAY TO DRAW WINDOWS, PUZZLE CUBES, TILE FLOORS, OR CHECKERBOARDS IN PERSPECTIVE.

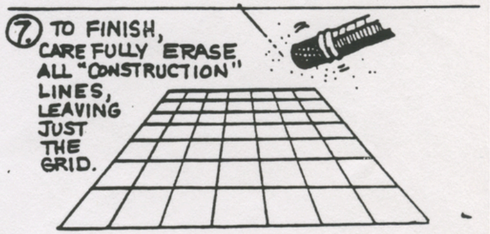


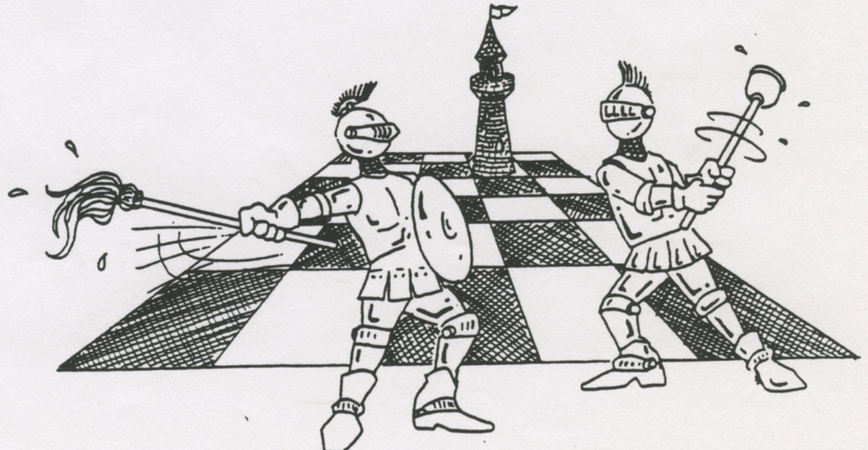






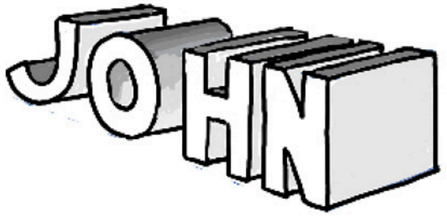






TWO POINT PERSPECTIVE

DRAW 3D LETTERS WITH 2 POINT PERSPECTIVE



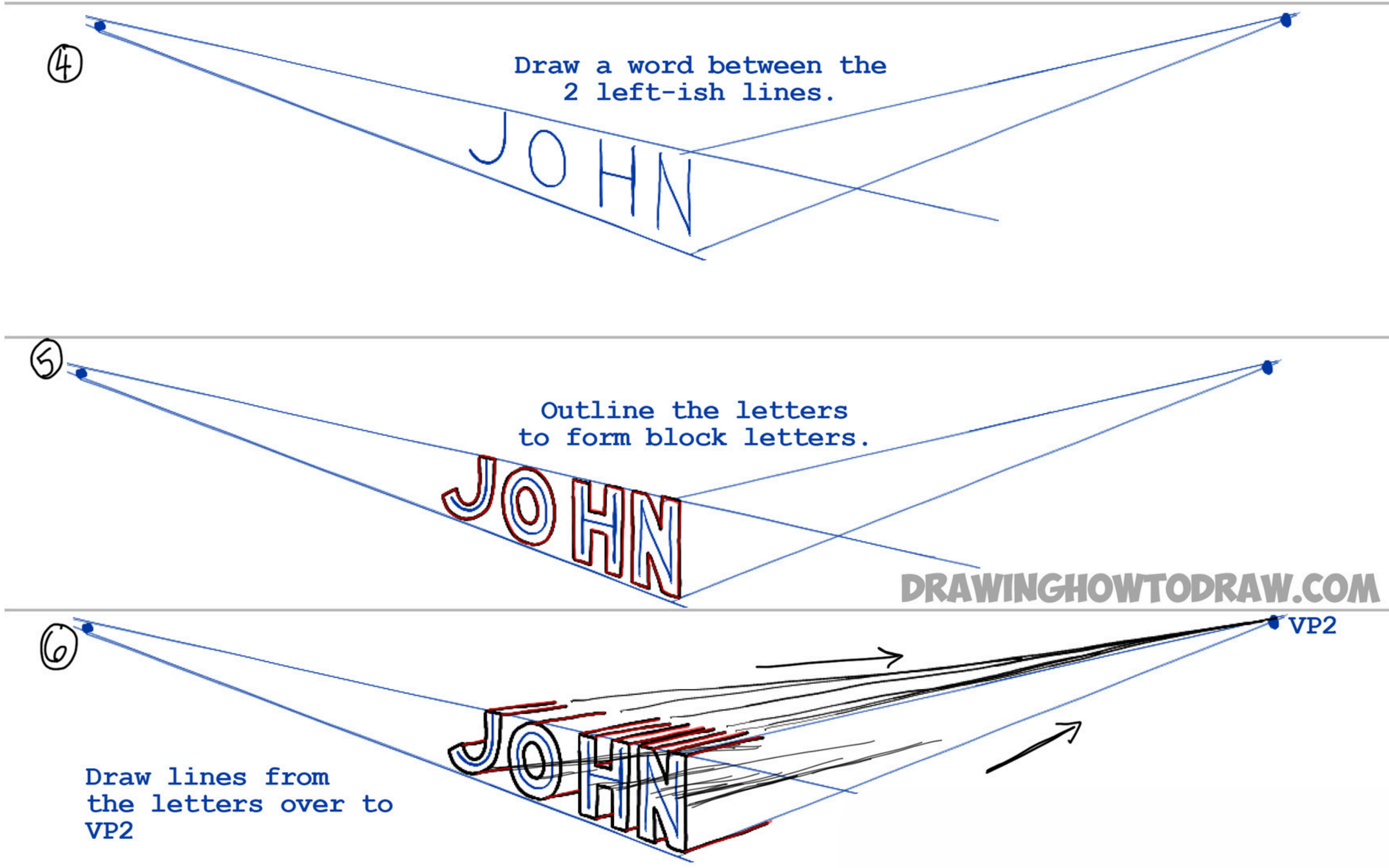
① Draw 2 dots for the height of your letters

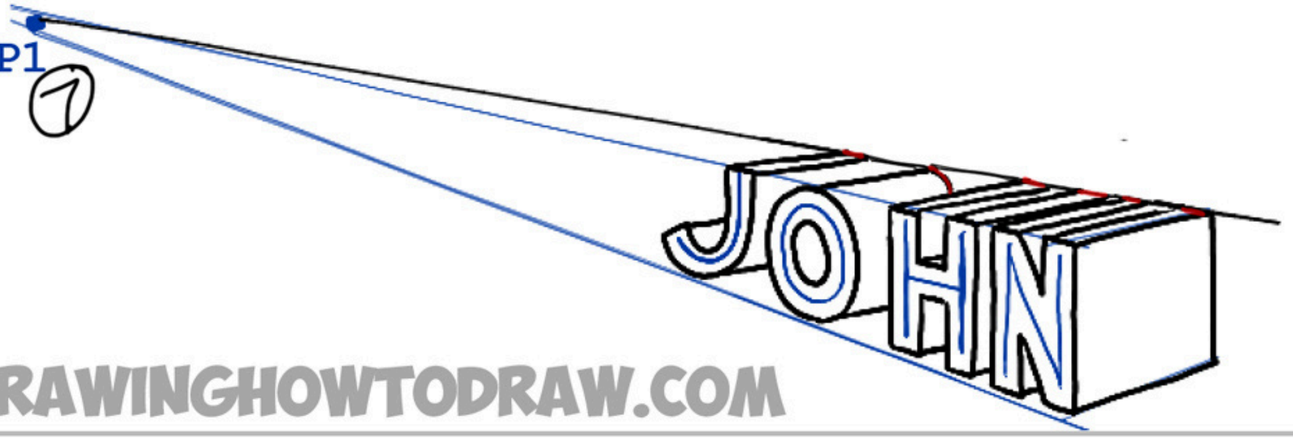
② Draw 2 dots, far apart and above the first 2 dots

VP 1

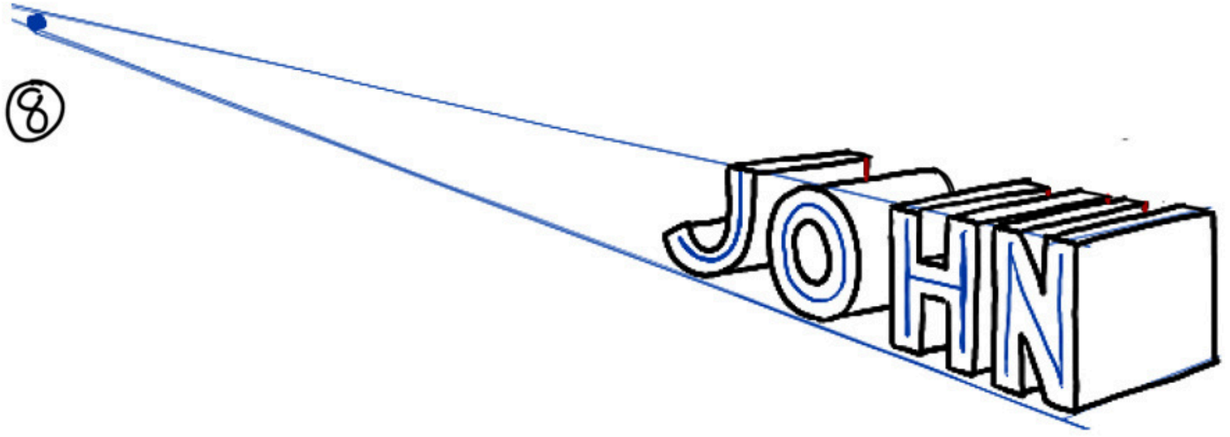
③ Connect VP1 & VP2 to both of the middle dots

VP 2

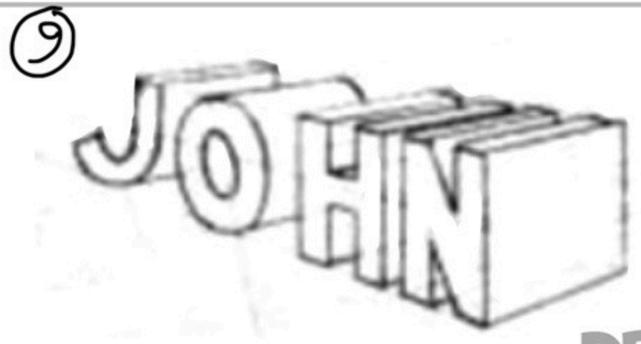

4
Draw a word between the
2 left-ish lines.
JOHN
5
Outline the letters
to form block letters.
JOHN
DRAWINGHOWTODRAW.COM
6
VP2
JOHN
Draw lines from
the letters over to
VP2

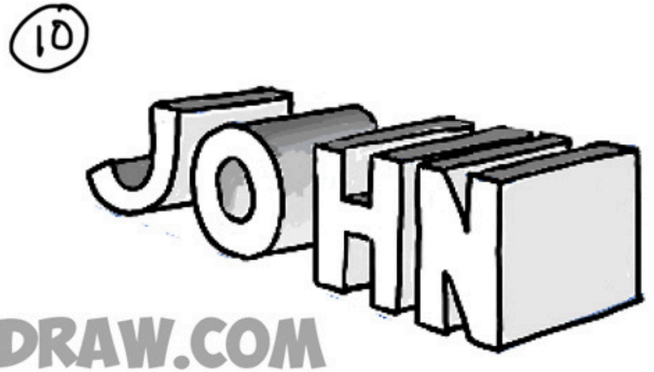


Draw a line from VP1
over the top of the letters...
choosing exactly where to do it..
the further back it is, the more
depth there is to the letters.
The letter 'O' gets a curve instead
of a line.

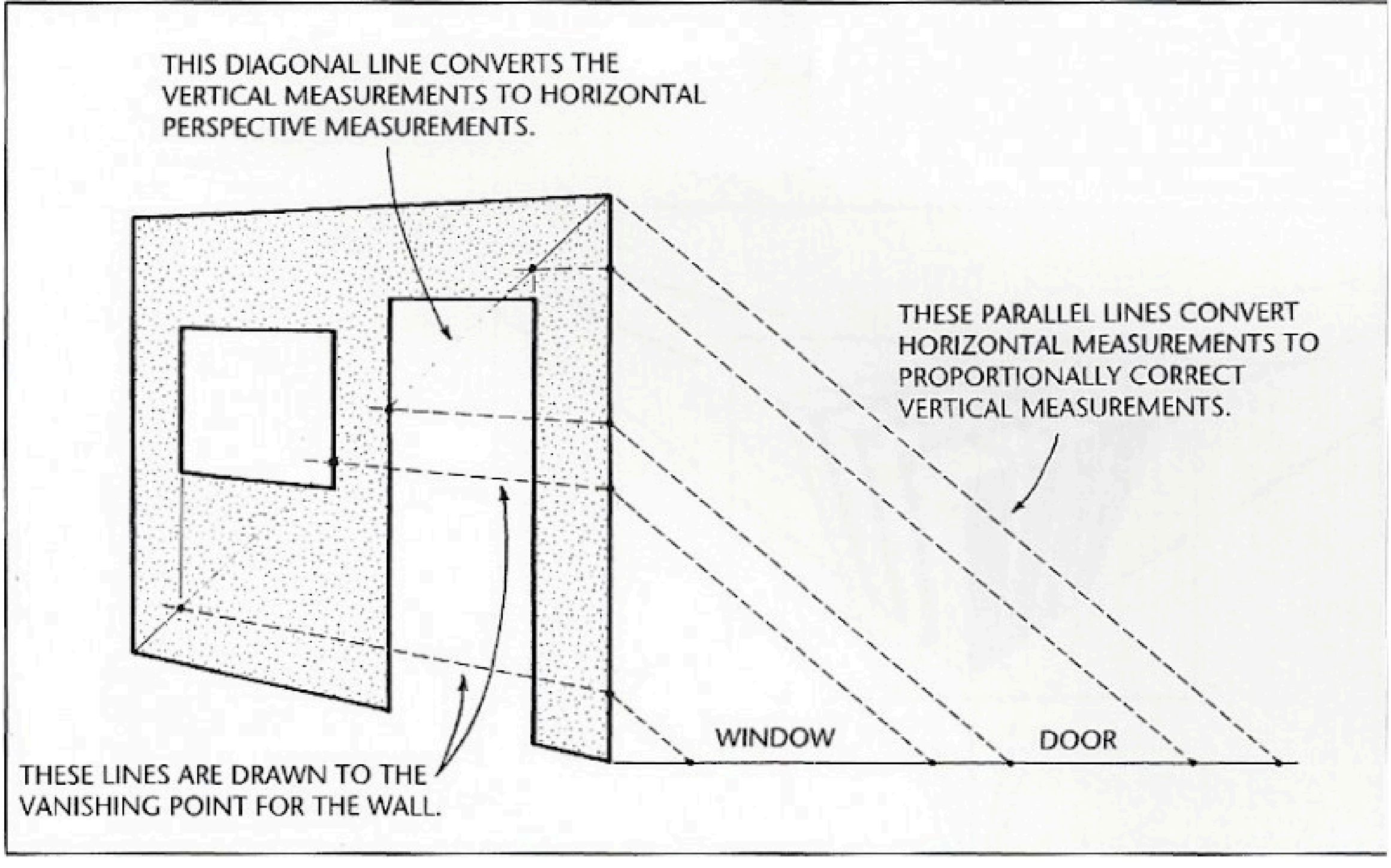


Draw vertical lines down
from the backs of the letters





You can add
shadows to
the letters
to give them
more
3-dimensionality


THIS DIAGONAL LINE CONVERTS THE VERTICAL MEASUREMENTS TO HORIZONTAL PERSPECTIVE MEASUREMENTS.
THESE PARALLEL LINES CONVERT HORIZONTAL MEASUREMENTS TO PROPORTIONALLY CORRECT VERTICAL MEASUREMENTS.
WINDOW
DOOR
THESE LINES ARE DRAWN TO THE VANISHING POINT FOR THE WALL.

Dividing A Surface Into Equal Spaces By Using A Measuring Line And A Special Vanishing Point

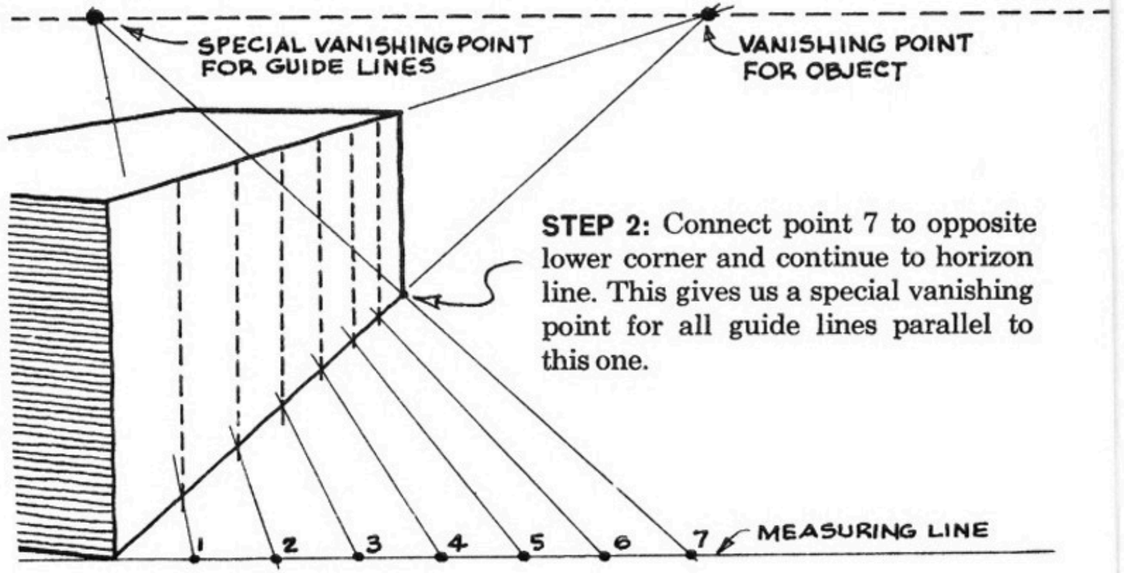
(Please follow the numbered steps.)

STEP 1: From lowest corner of face to be divided draw horizontal line and tick off the number of equal spaces desired (7 in this case).

STEP 3: Connect other six points to special vanishing point. These guide lines will intersect base line of object, creating seven equal spaces in perspective.

Note: The equal spaces ticked off in step 1 could be at any scale. Those shown are each ⅜" spaces, but could be ¼", ½", ⅝", etc. Naturally every spacing will shift the special vanishing point, but the resulting perspective spacing will always be the same.

Why this is so is explained in this top view. Let's divide the same face in two, using different spacings. From the lowest corner tick off two units of ½" each, two of 1" and two of 2". Now, connect each second tick to the far corner (*3 lines shown dotted*). Then, from the first ticks, draw lines parallel to these. Note that the second lines all intersect at the midpoint of the face. Therefore any of these spacings would work even though each resulting set of parallel-horizontal lines would have it own (special) vanishing point (*see across page*).



STEP 2: Connect point 7 to opposite lower corner and continue to horizon line. This gives us a special vanishing point for all guide lines parallel to this one.