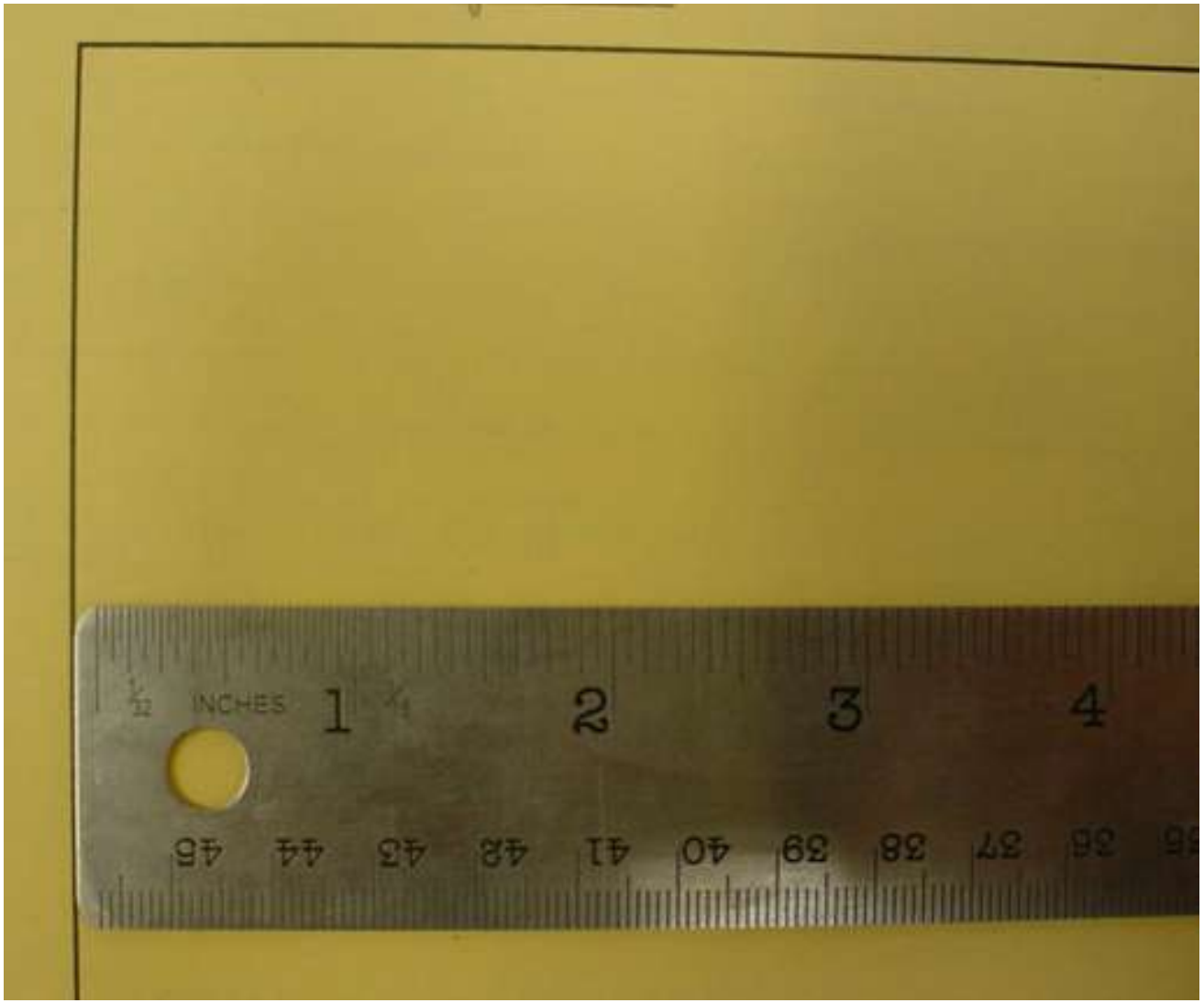
2 POINT PERSPECTIVE Project – ART 2

2 PT Perspective Corner or Boxes

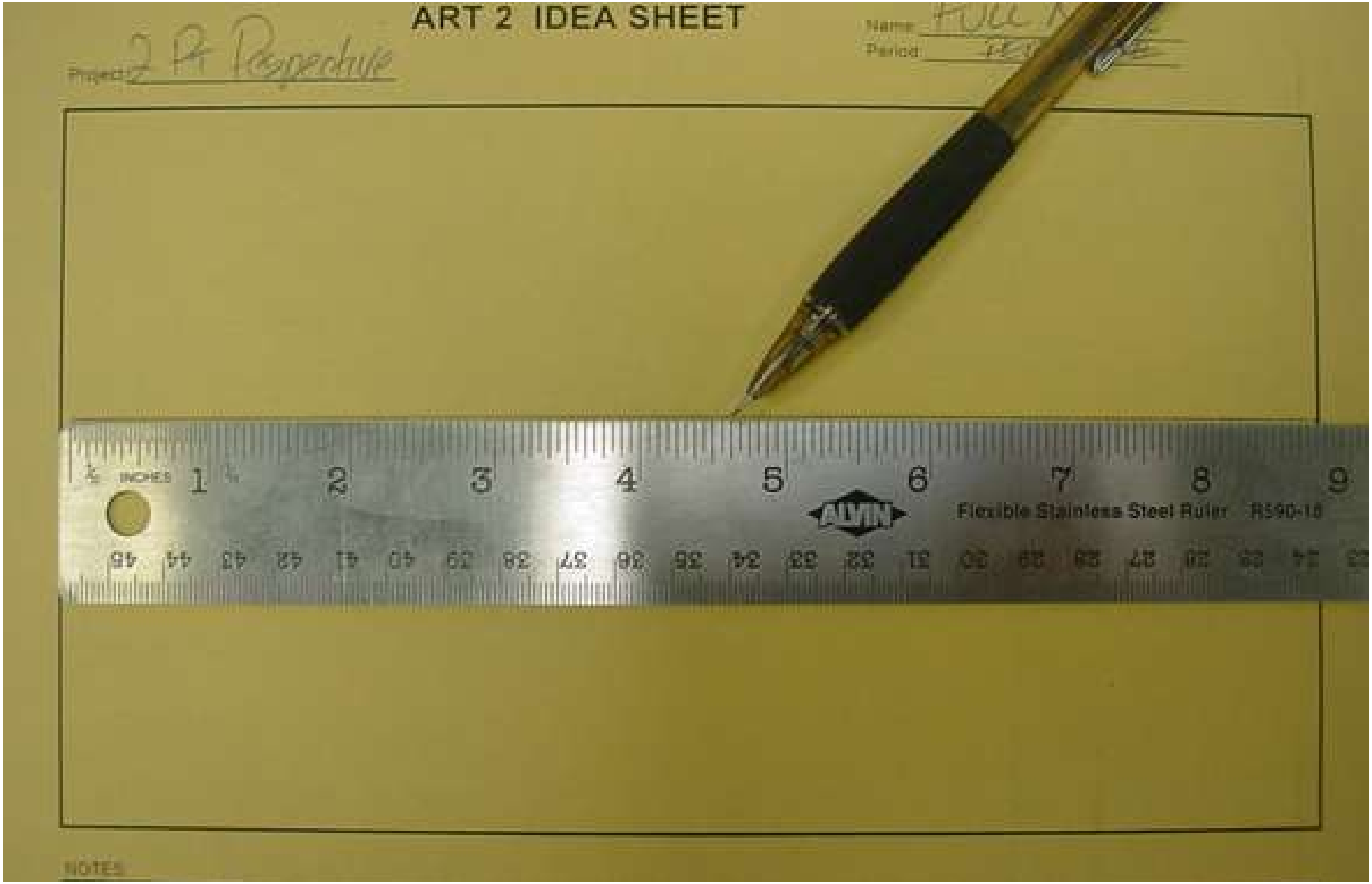
PRACTICE on Idea Sheet

- Follow along with the step by step directions for the 2 Point Perspective DEMO.
- You need an Idea Sheet, a pencil, a ruler and a triangle for this assignment.

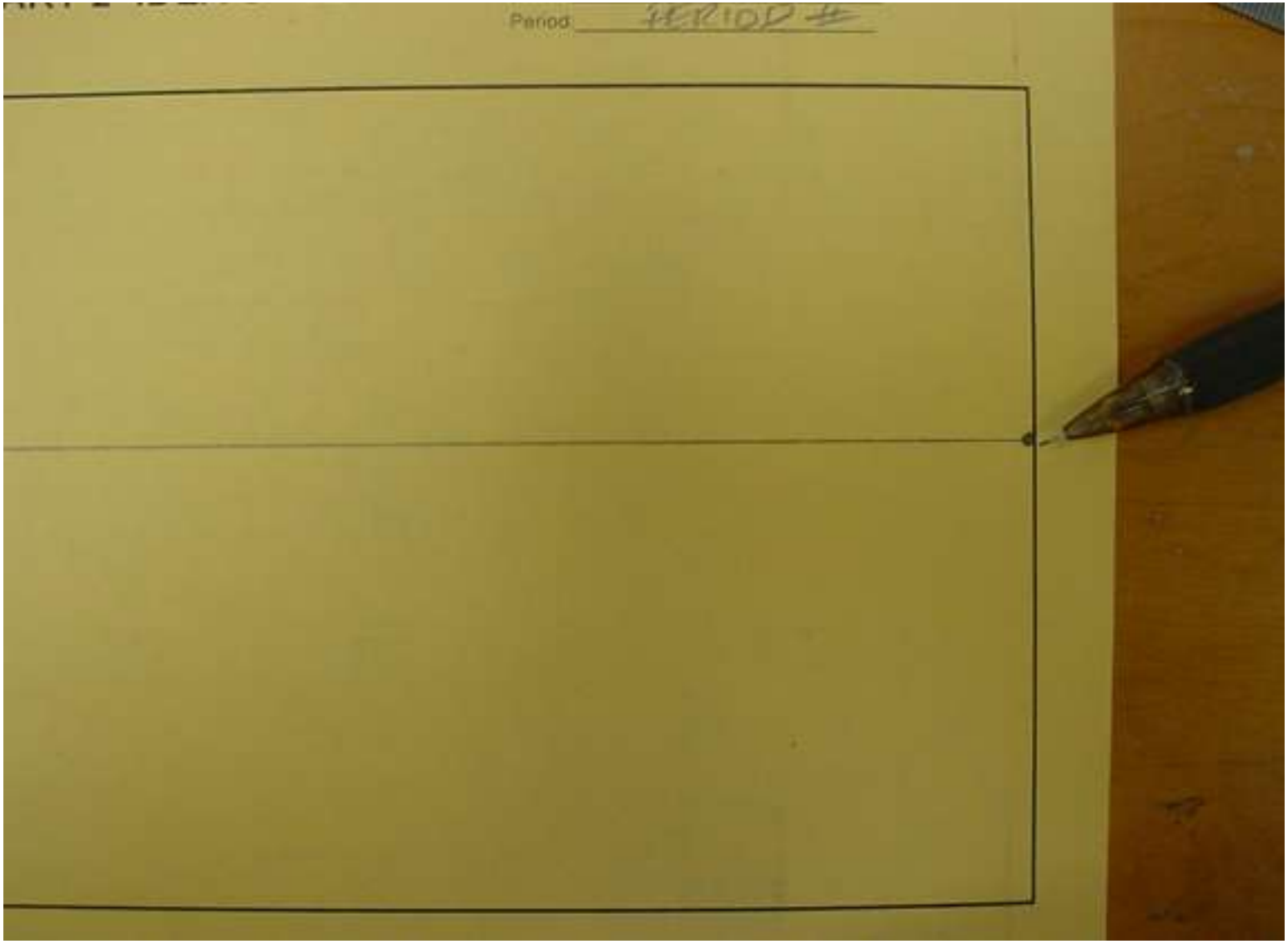
Step 1a –Use the edge of the ruler on the left side of the box to help make sure the ruler is horizontal on your paper.



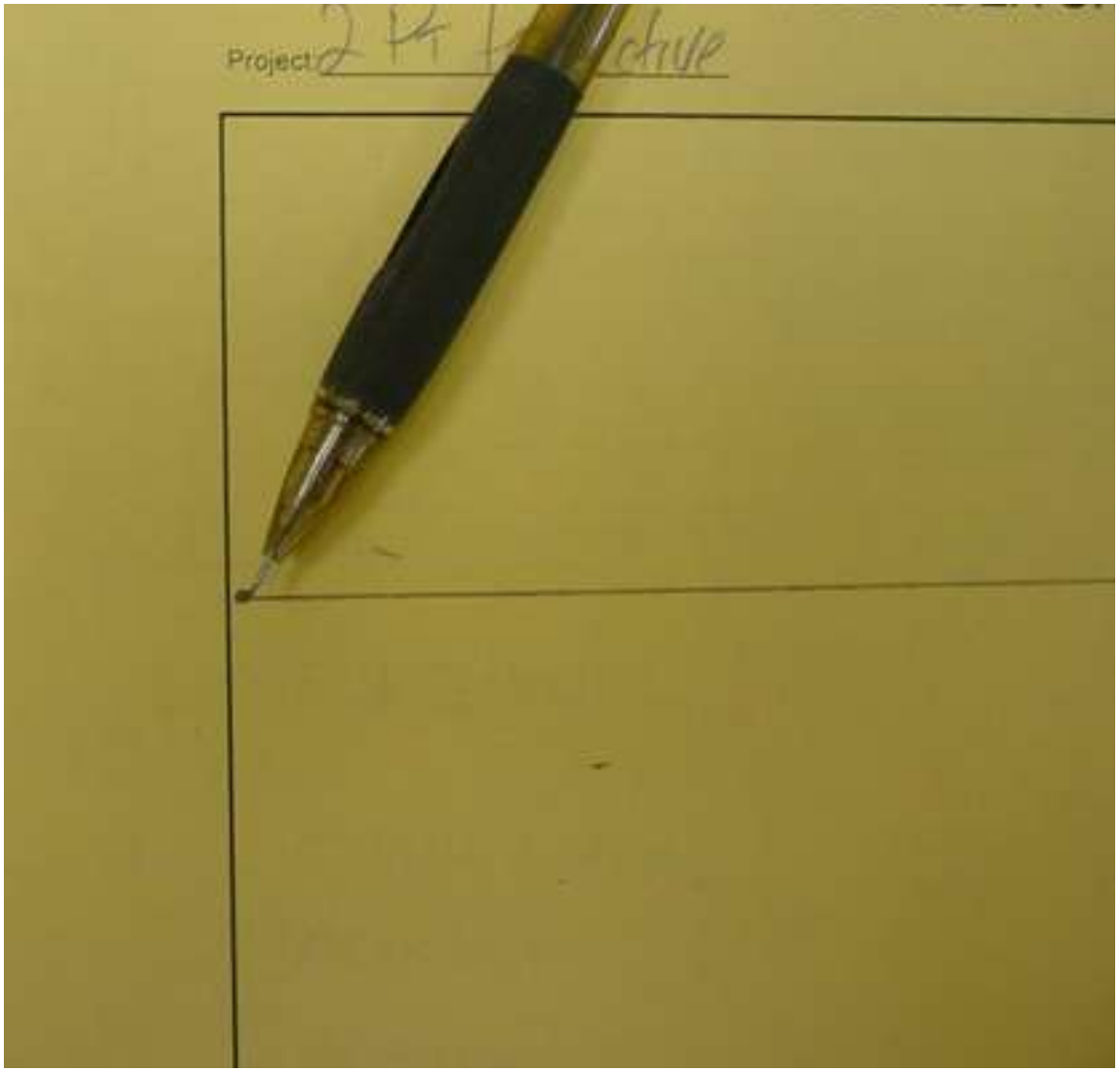
Step 1b – Draw a ***HORIZON LINE*** across your box using a horizontal line.



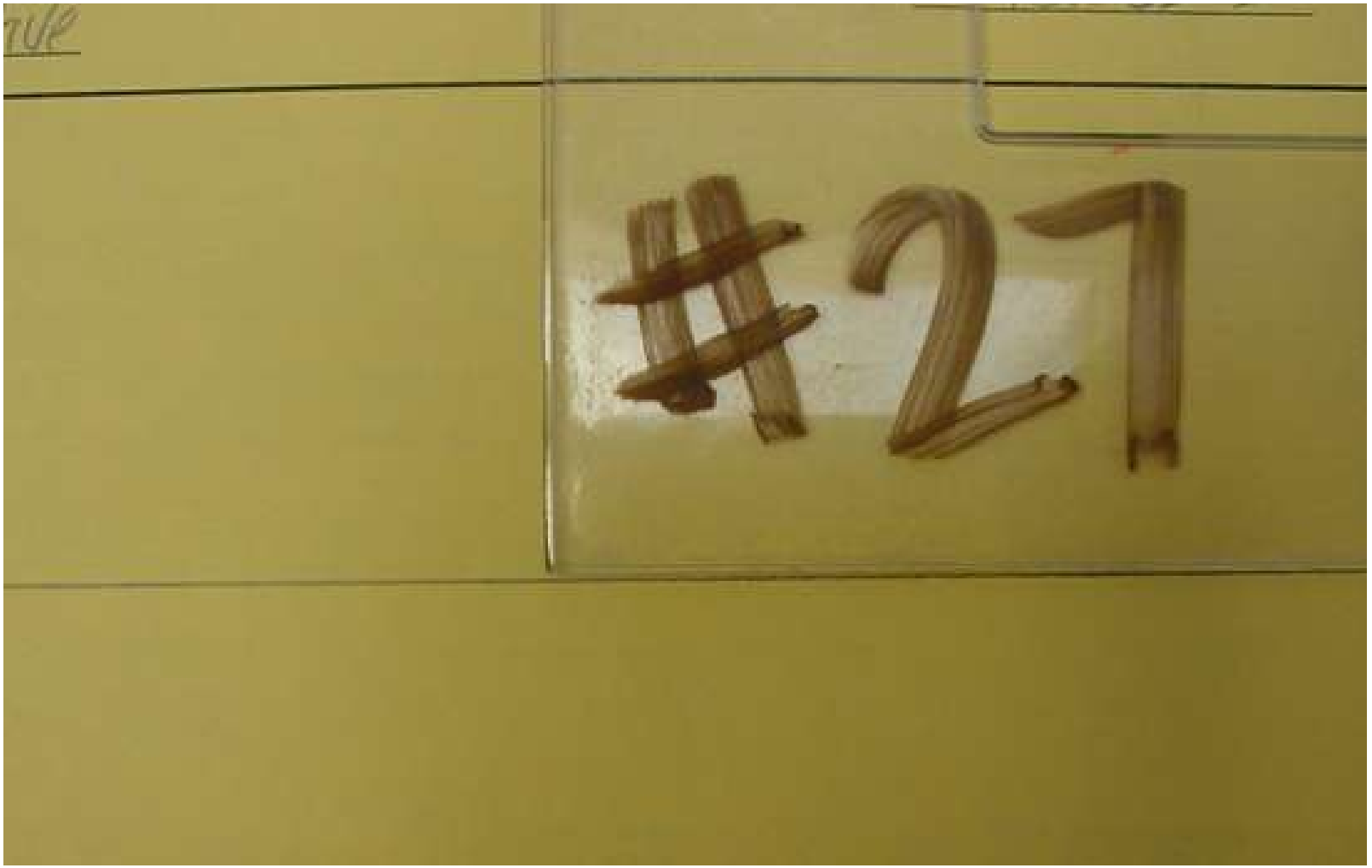
Step 2a – Draw a ***VANISHING POINT*** at the end of the horizon line on both sides.



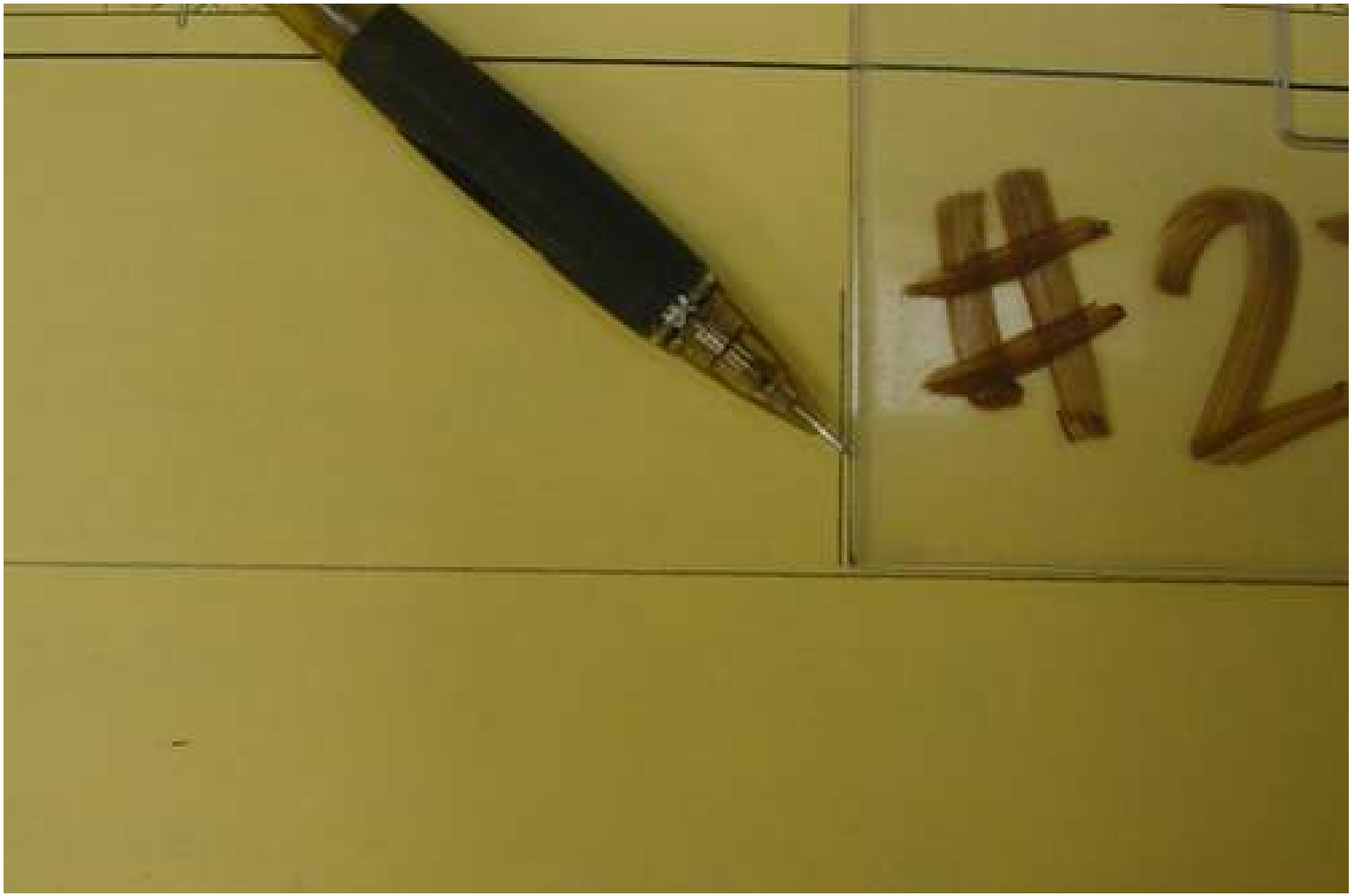
Step 2b – Draw a ***VANISHING POINT*** at the end of the horizon line on both sides.



Step 3a – Line up the bottom of the triangle on the horizon line so the side of the triangle is perfectly vertical between the vanishing points.

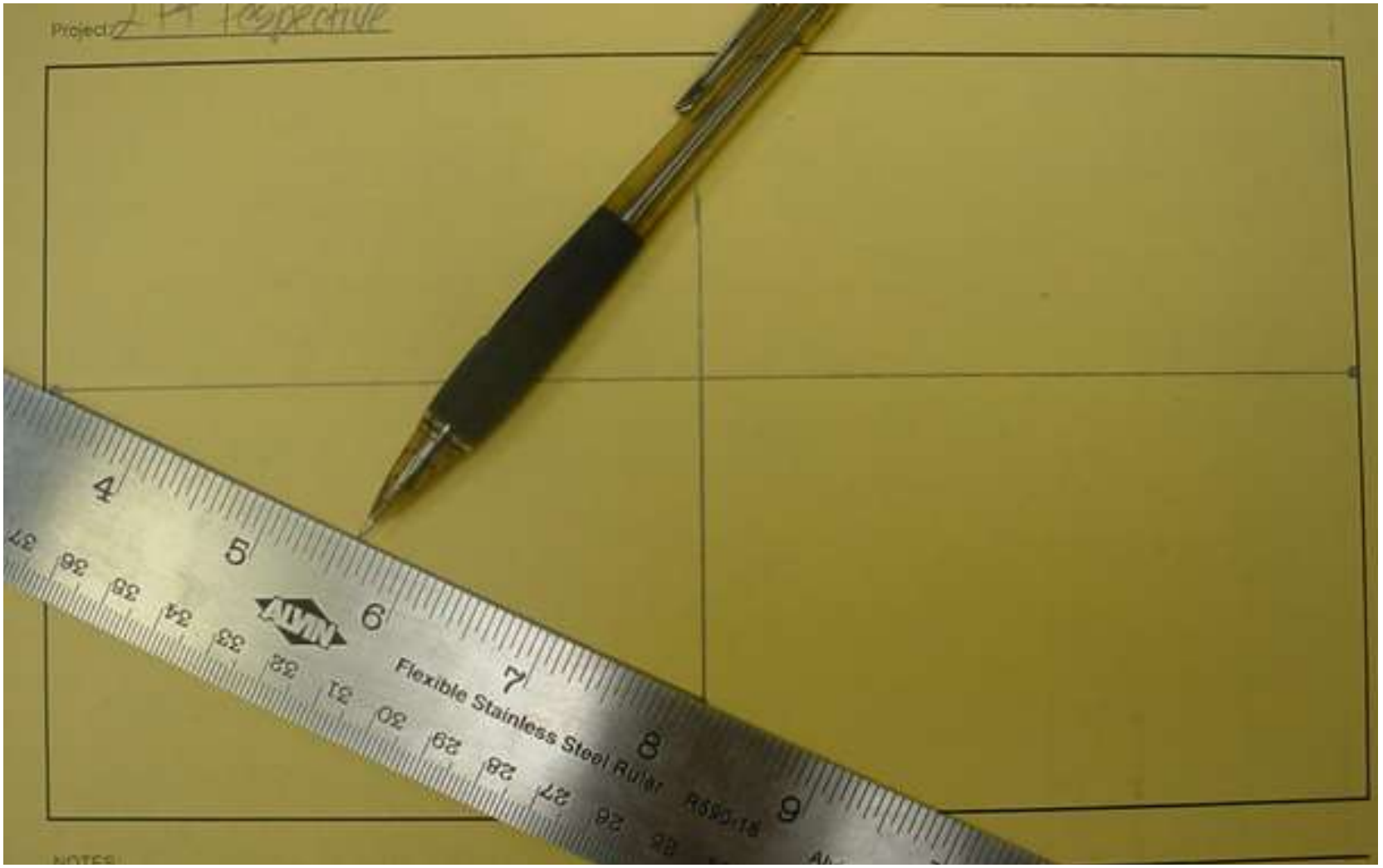


Step 3b – Use your triangle to draw a VERTICAL LINE on in the middle of your vanishing points which goes from below the horizon line to above the horizon line.

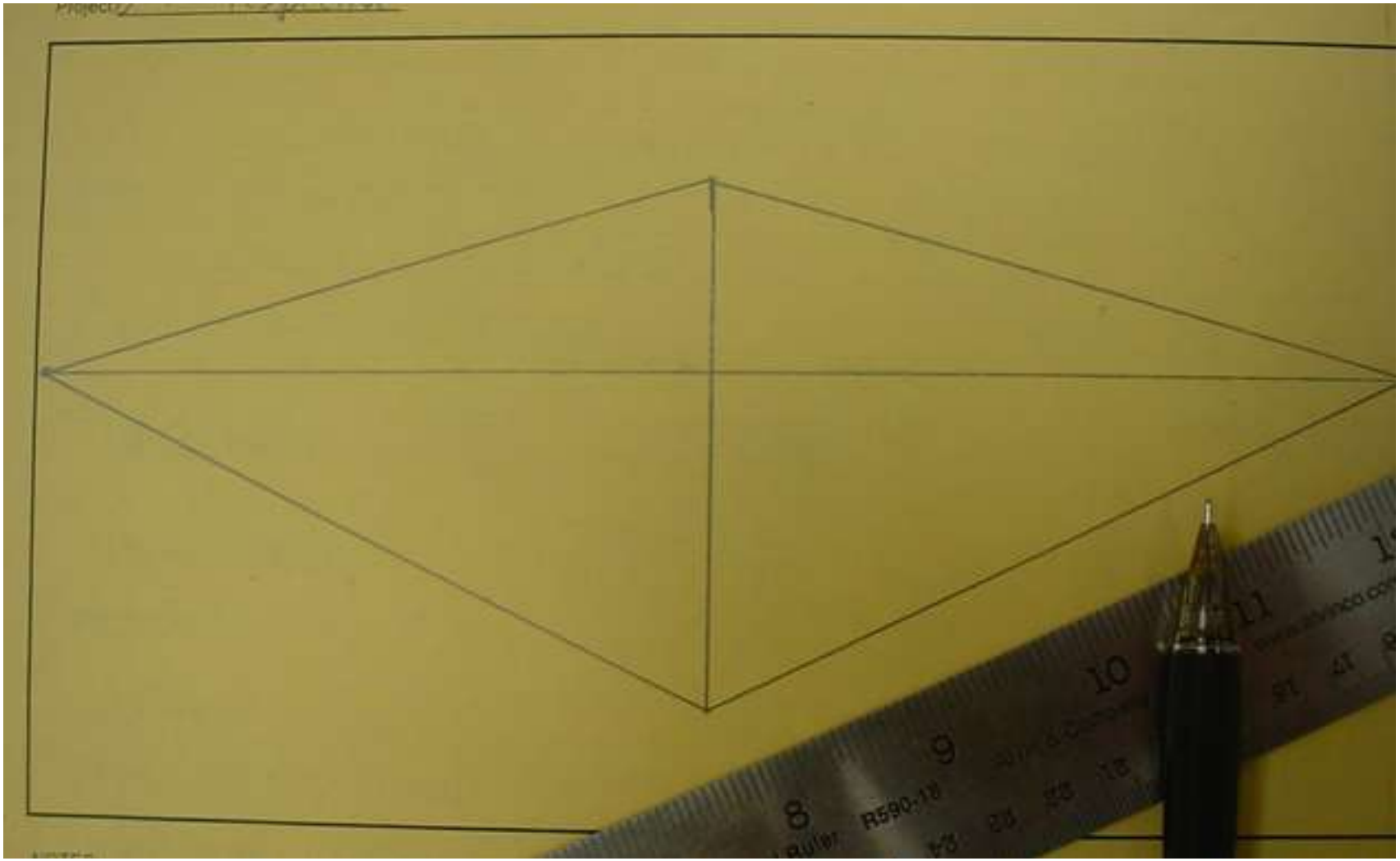


Step 3c – Use your triangle to draw a VERTICAL LINE on in the middle of your vanishing points which goes from below the horizon line to above the horizon line.

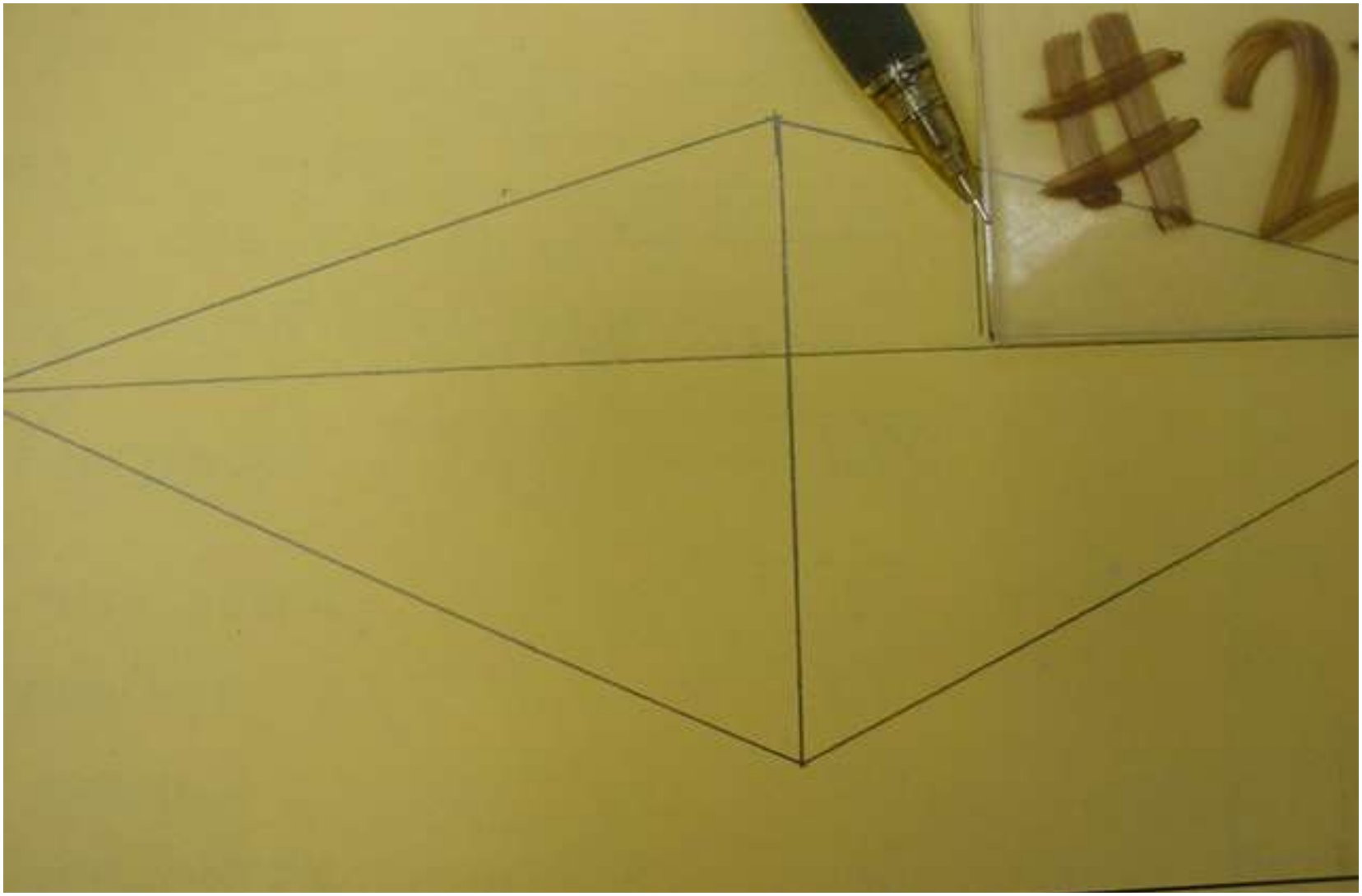
Step 4a – Draw four CONVERGING LINES from the bottom and top of the vertical lines to both of the vanishing points.



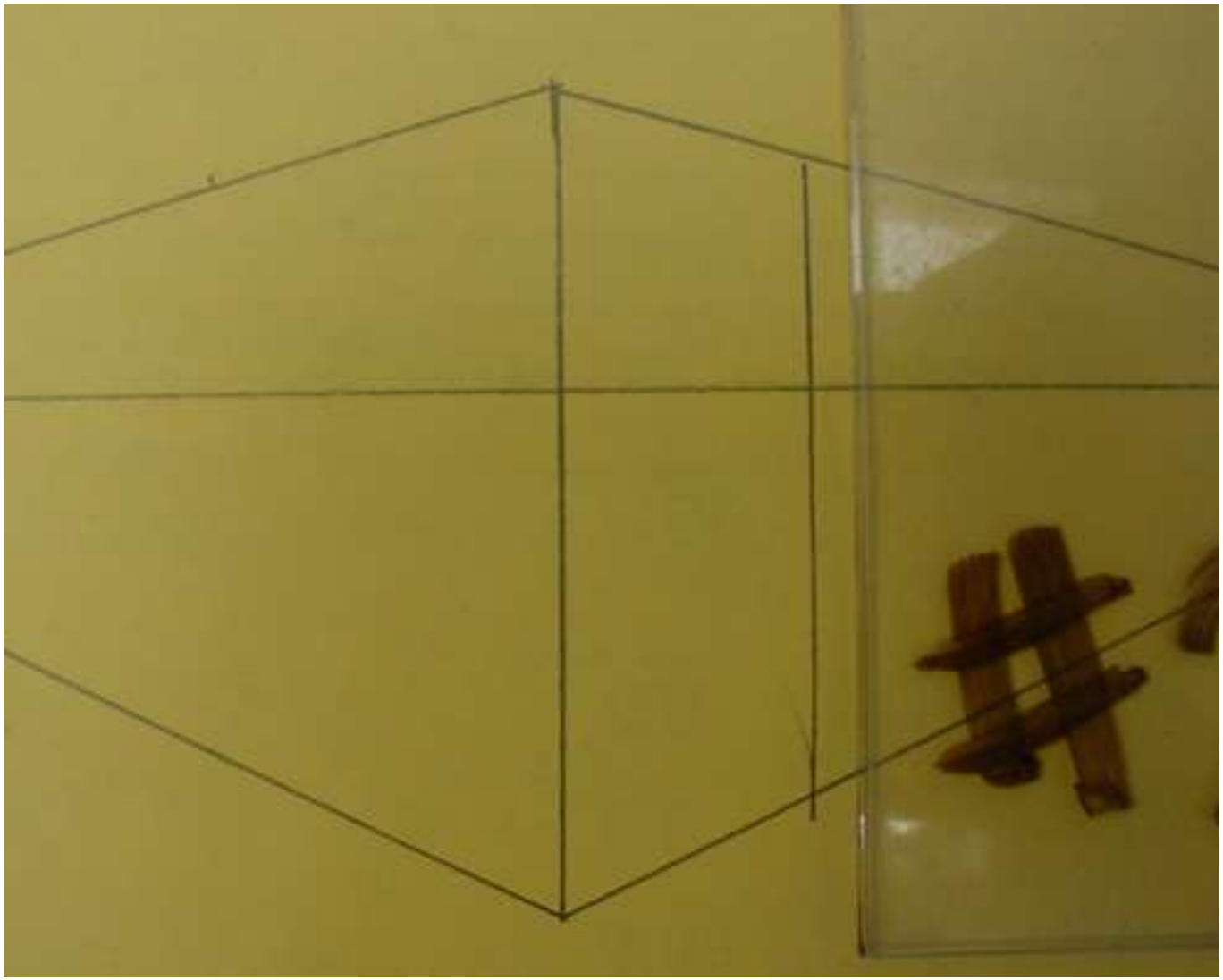
Step 4b – Draw four CONVERGING LINES from the bottom and top of the vertical lines to both of the vanishing points.



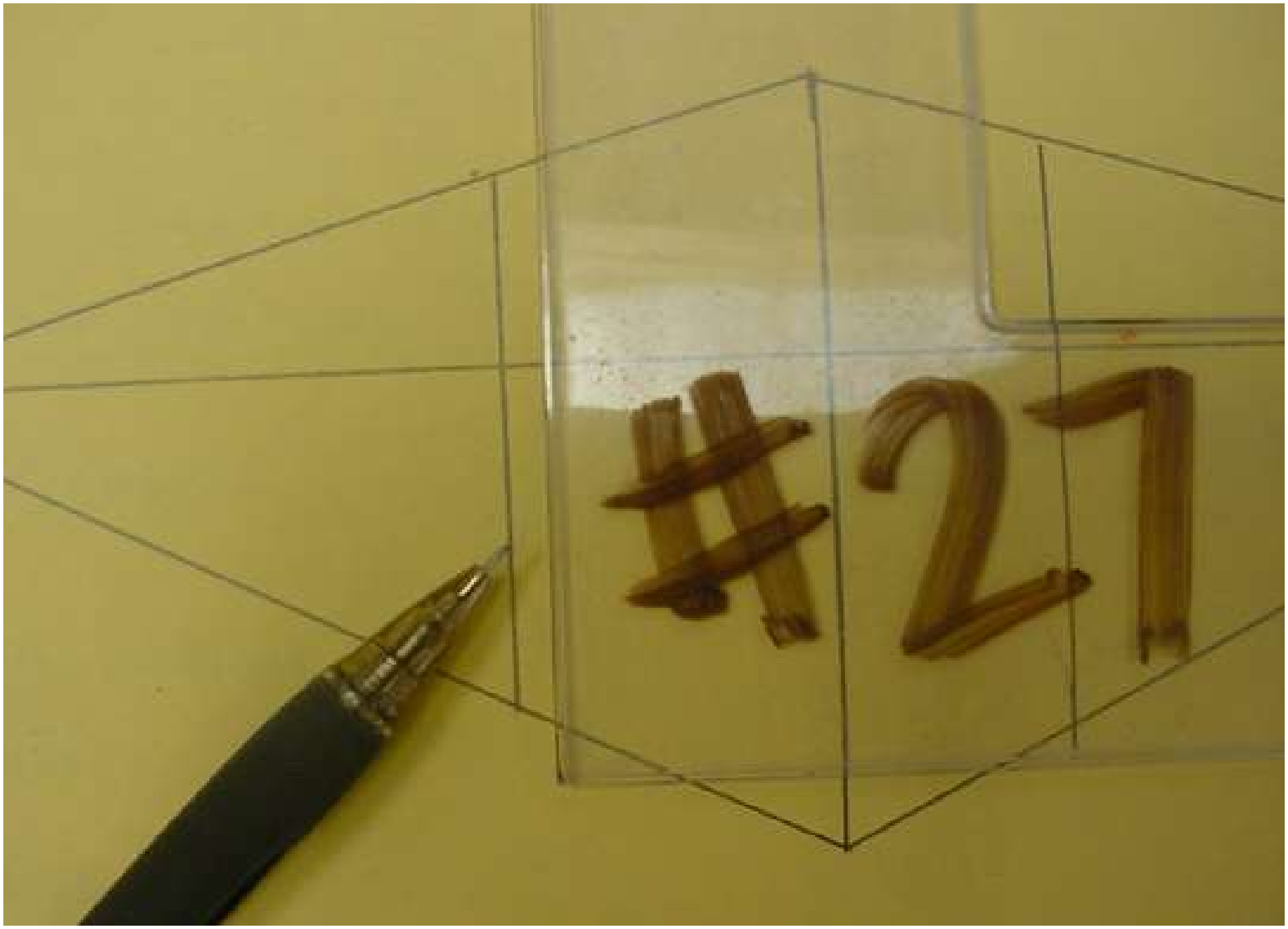
Step 5a – Use your triangle to draw the back edges by drawing two vertical lines.



Step 5b – Use your triangle to draw the back edges by drawing two vertical lines.



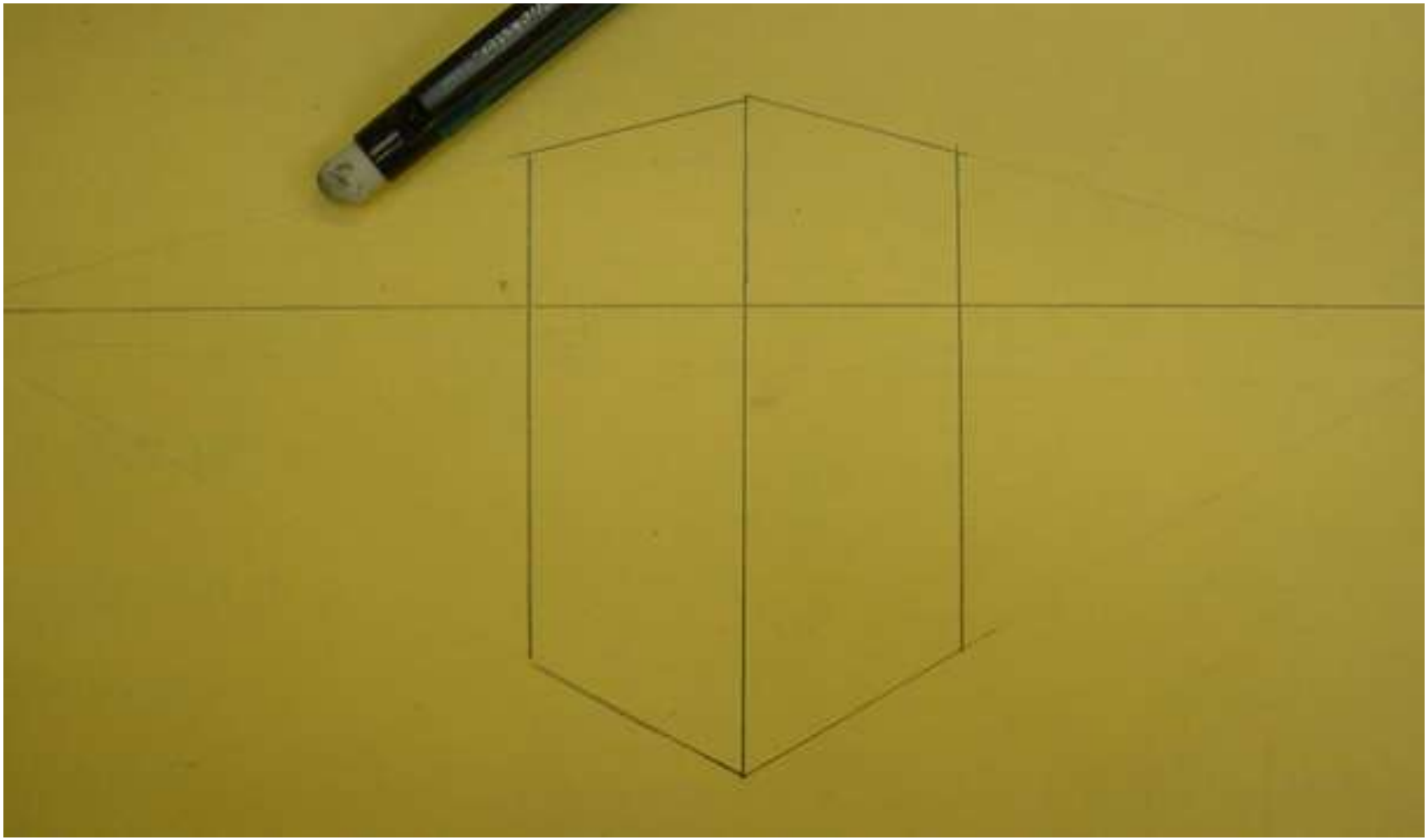
Step 5c – Use your triangle to draw the back edges by drawing two vertical lines.



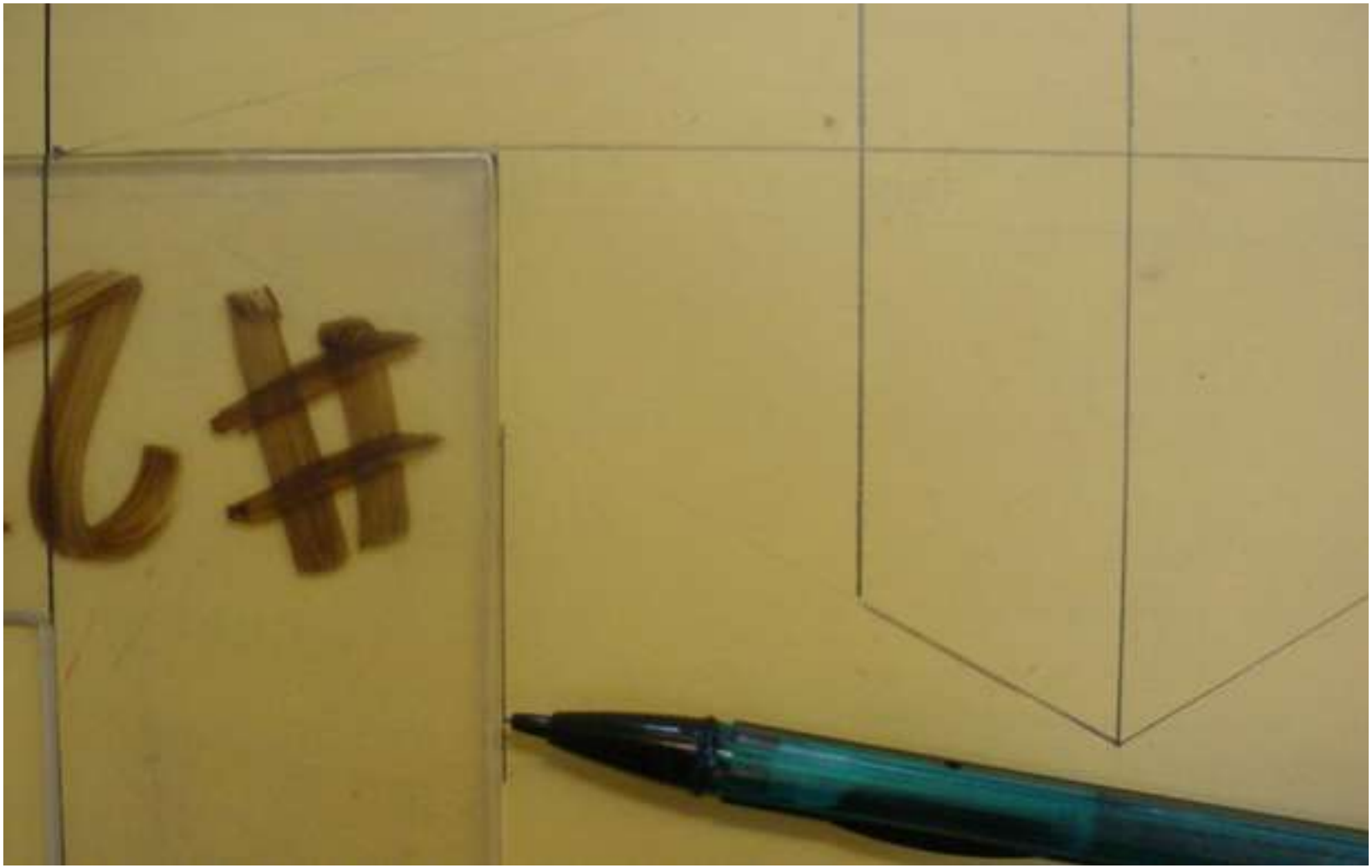
DEMO complete

- From this point forward, the DEMOs will be different for Corners and Boxes.
- Each day a different DEMO will be done at the start of the period.
- You should do your Sketchbook while the DEMO is being done for the other group.
- This is your PRACTICE for project. These are all the steps you will repeat on the large white paper!!!!!

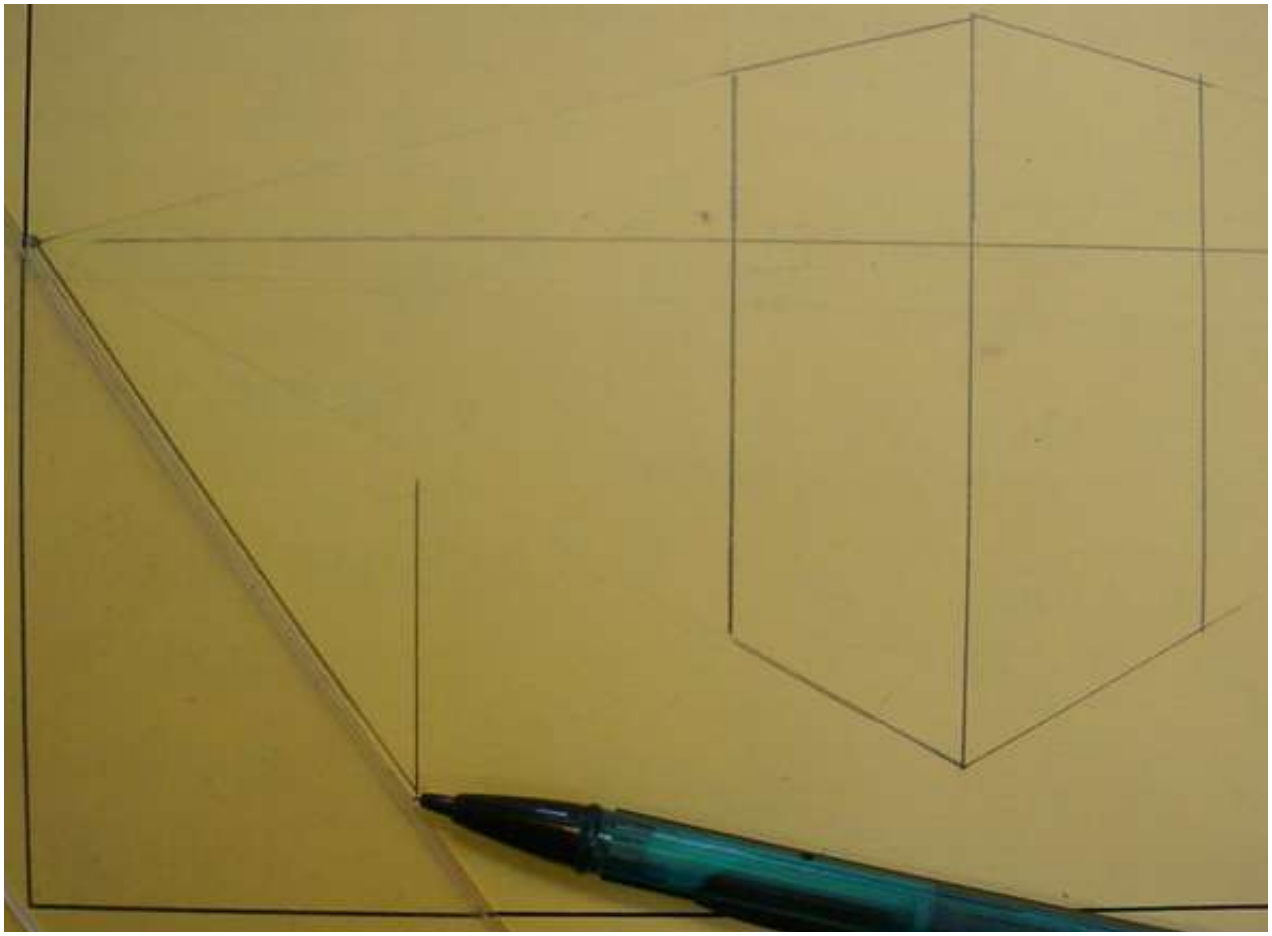
BOXES Step 6 – Erase all the converging lines which are NOT part of the box.



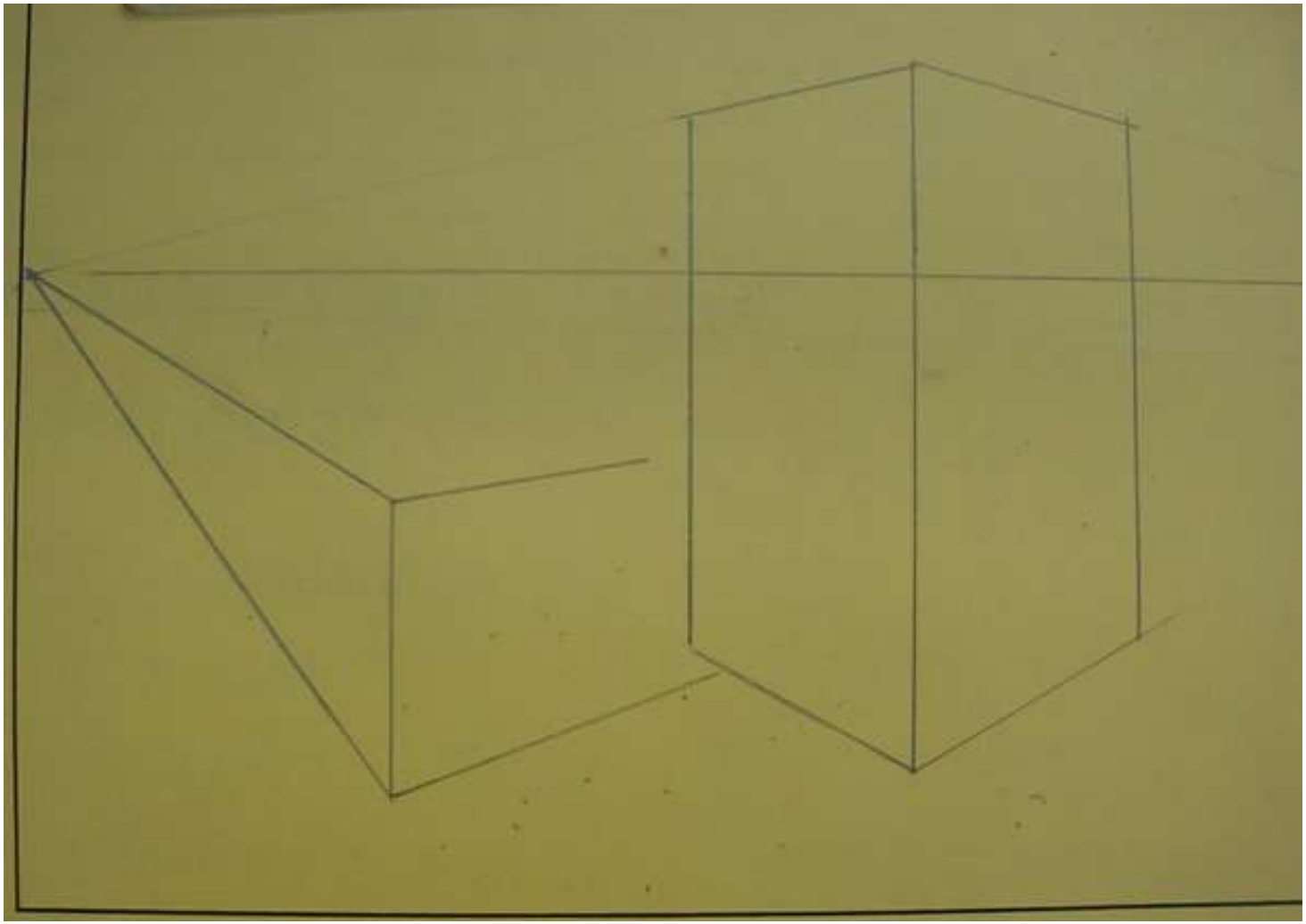
BOXES Step 7a – Draw a vertical line which is completely below the horizon line.



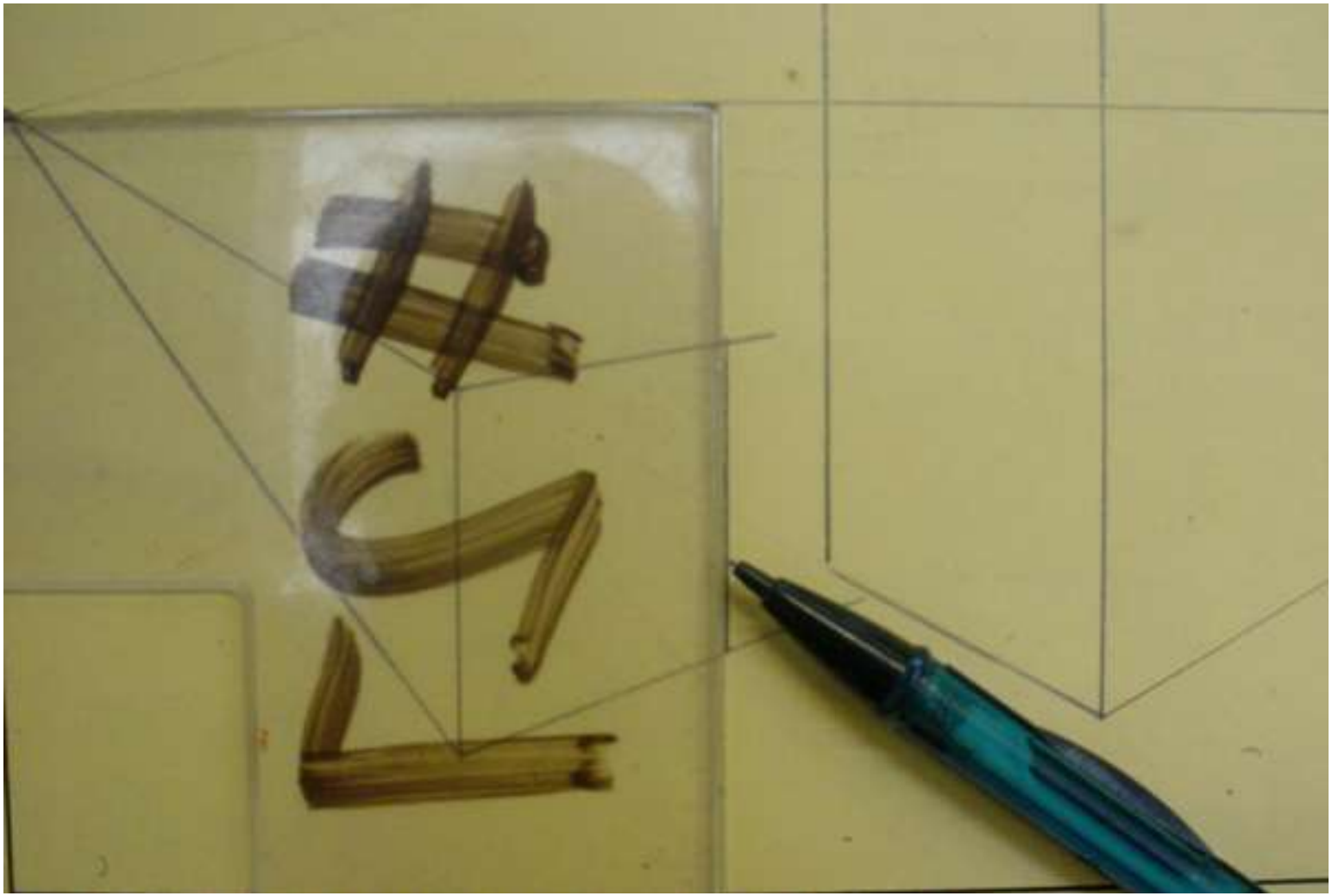
BOXES Step 7b – Draw two converging lines from the top and bottom of the vertical line to the closest vanishing point.



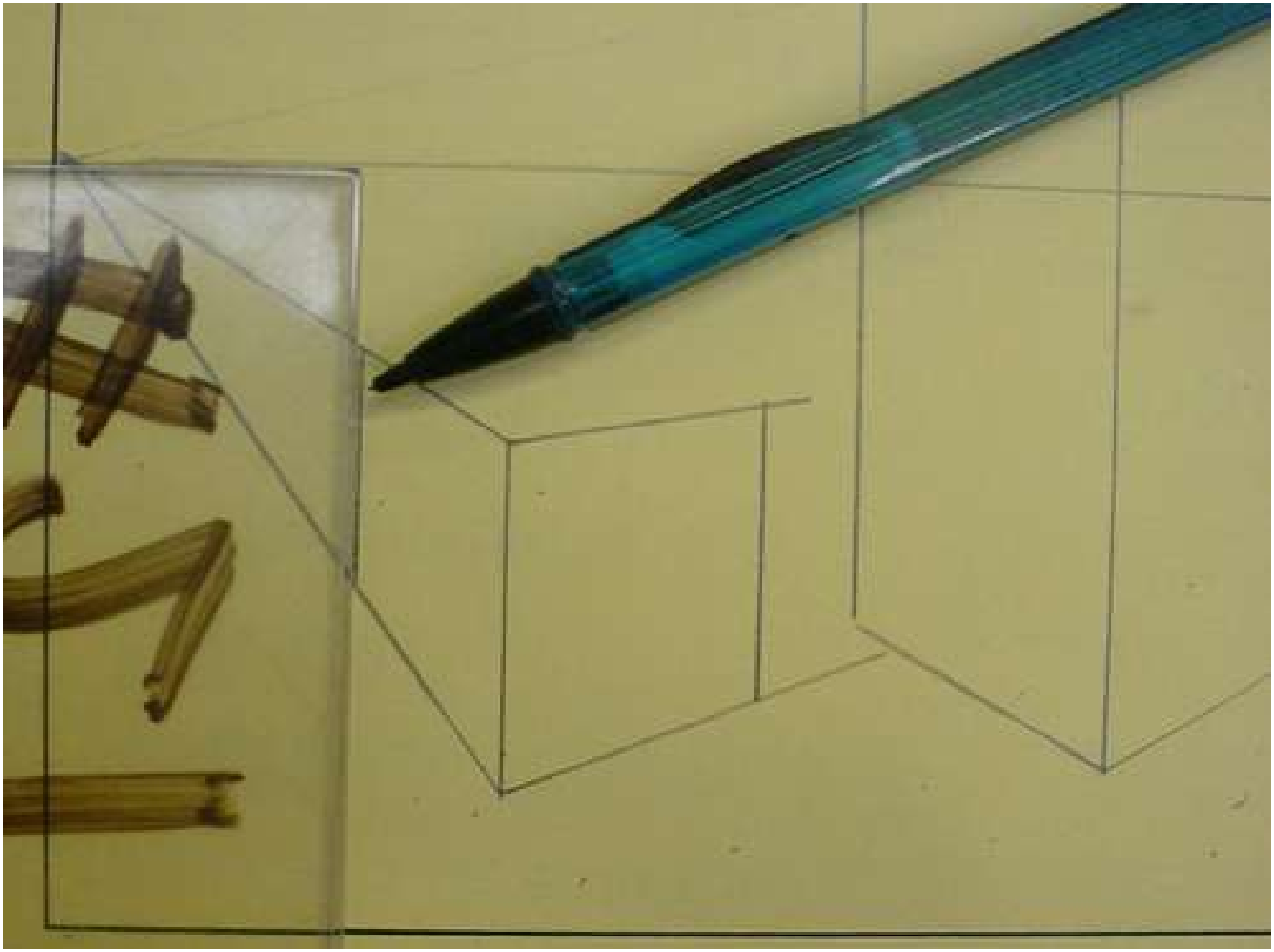
BOXES Step 7c – Draw two more converging lines from the top and bottom of the vertical line to the far vanishing point but DO NOT connect all the way to the vanishing point.



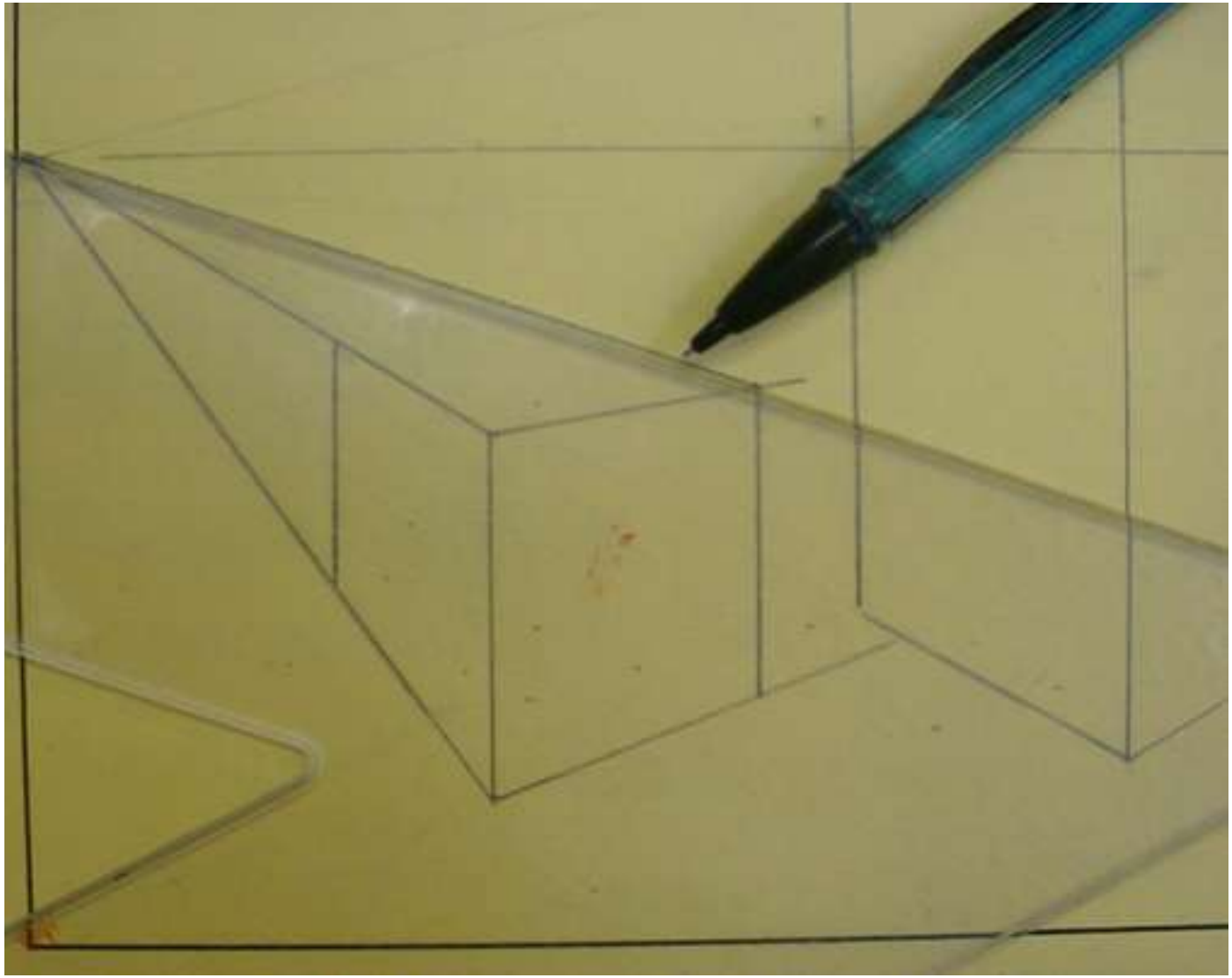
BOXES Step 7d – Draw two vertical lines between the converging lines to make the back edges of the box.



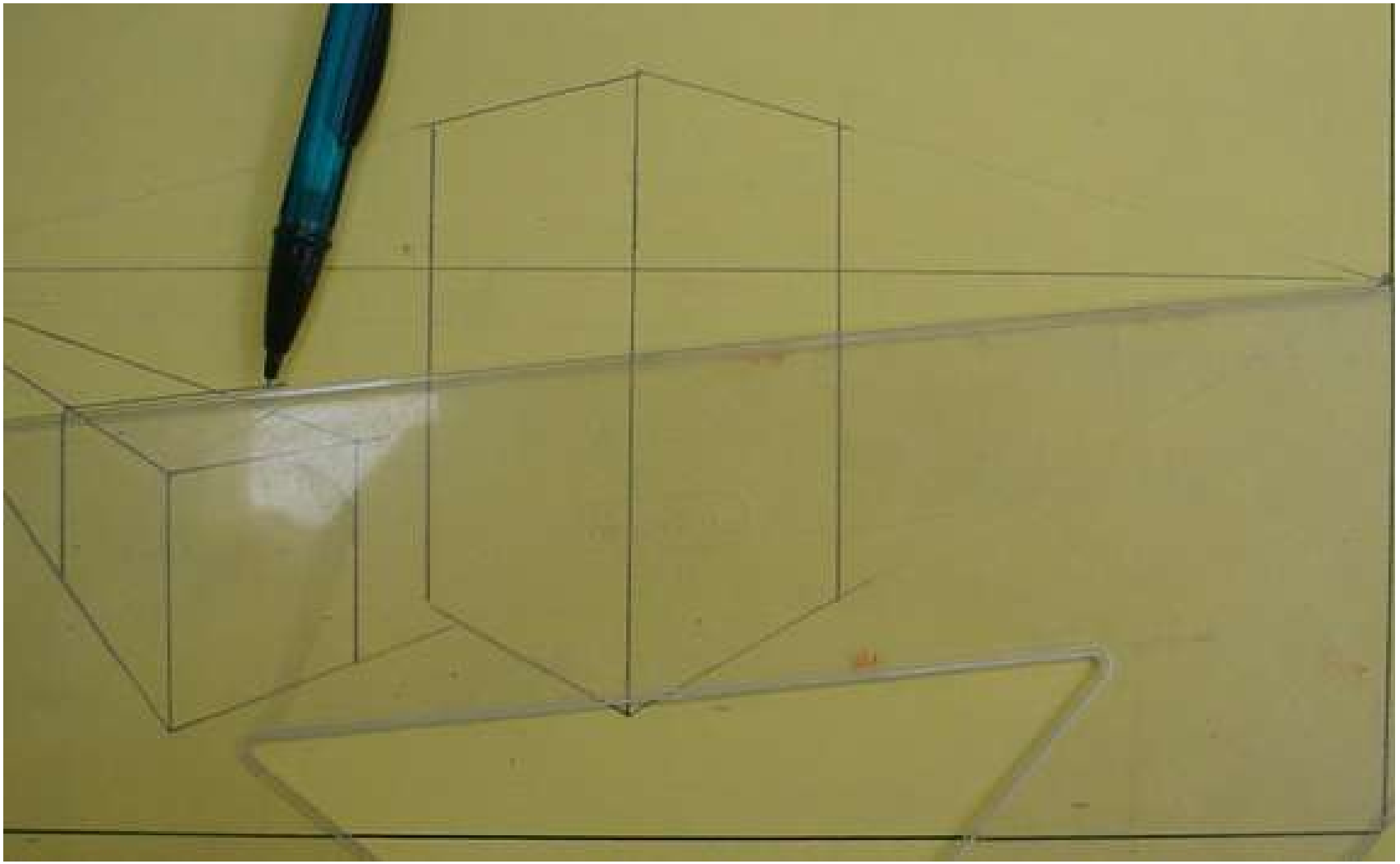
BOXES Step 7e – Draw two vertical lines between the converging lines to make the back edges of the box.



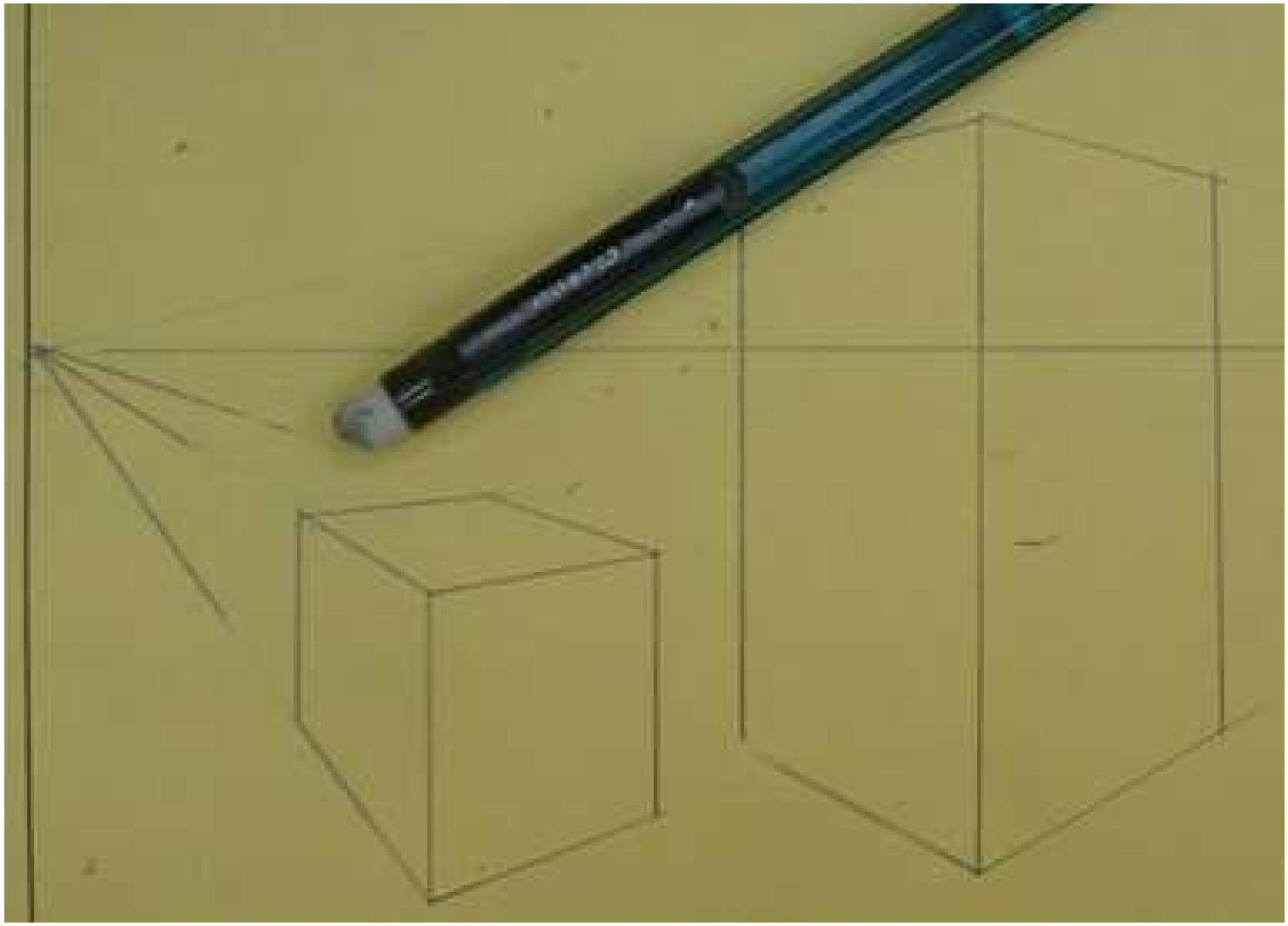
BOXES Step 7f – Draw two converging lines from the back edge corners to the vanishing points on the **OPPOSITE** side.



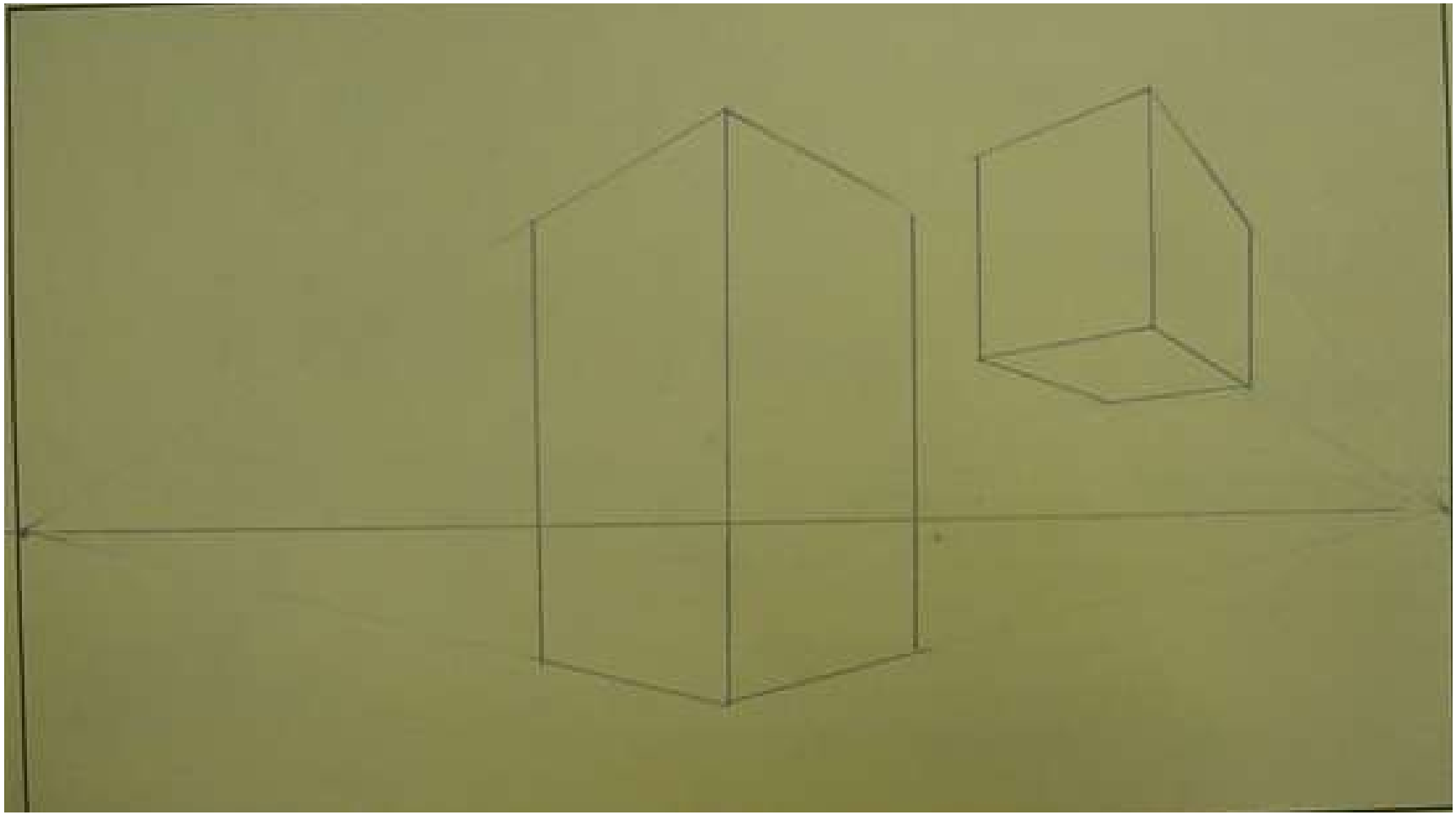
BOXES Step 7g – Draw two converging lines from the back edge corners to the vanishing points on the **OPPOSITE** side.



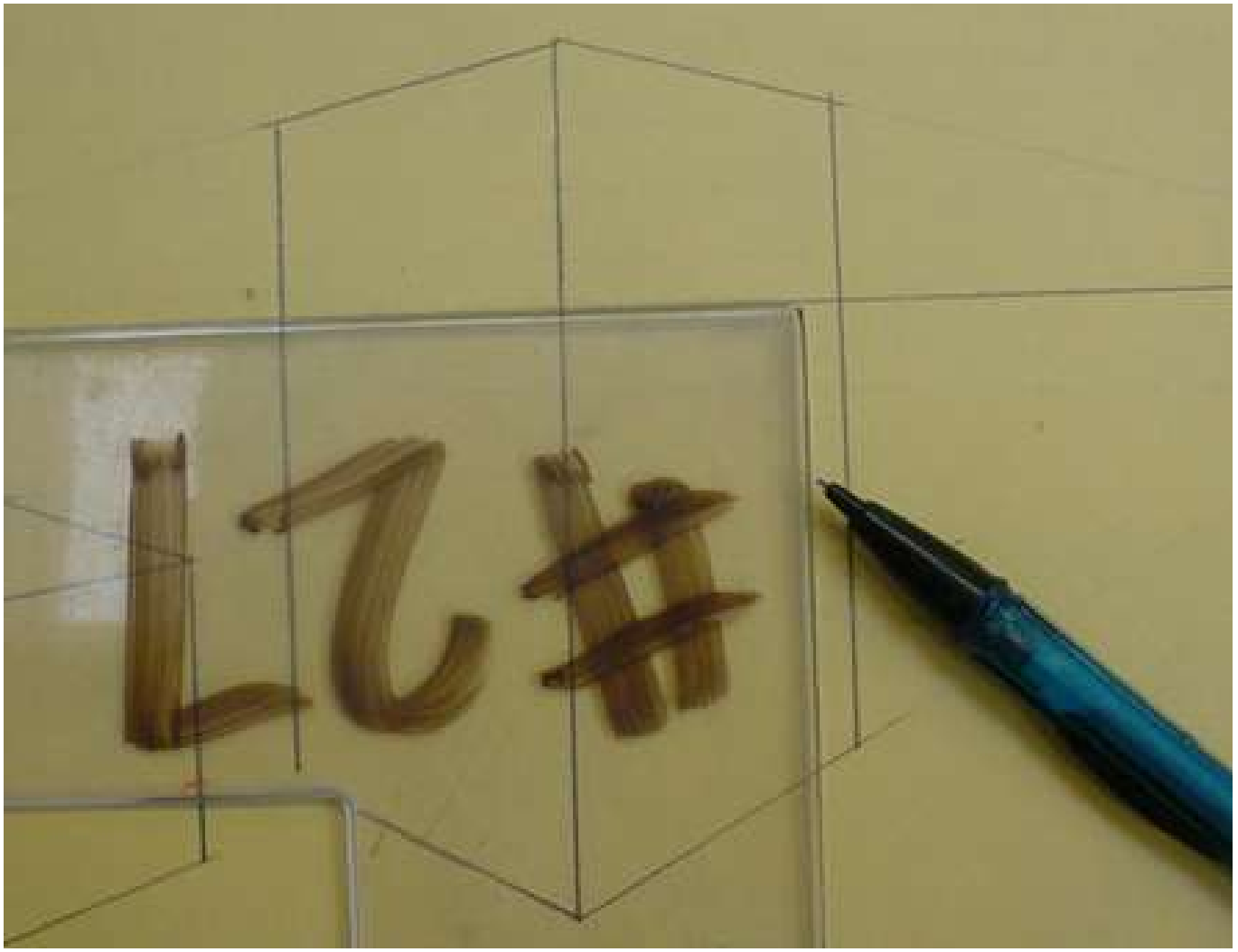
BOXES Step 7h – Erase the lines which do NOT make up the box.



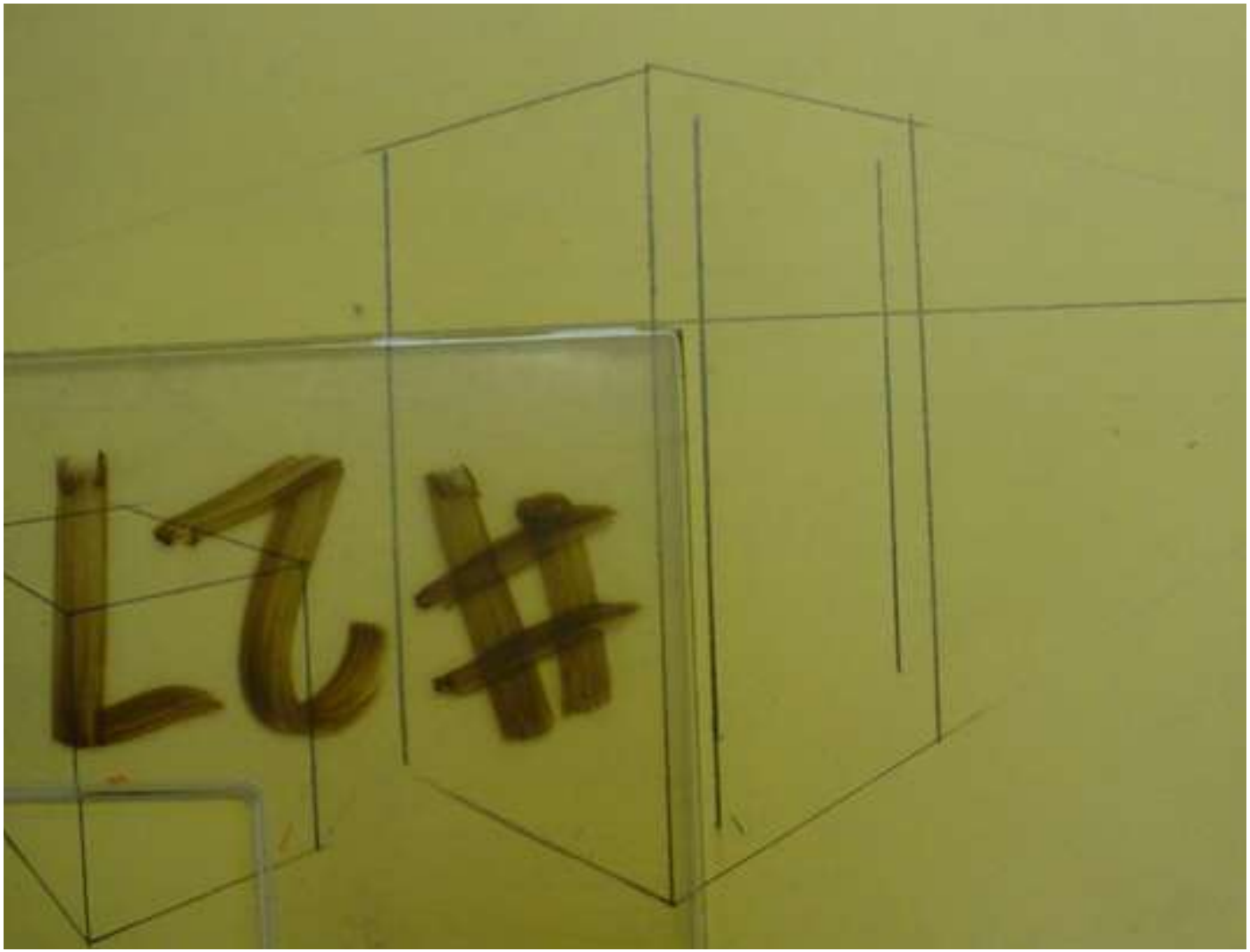
BOXES Step 8 – To draw a box completely ABOVE the horizon line the steps are exactly the same just start with the vertical line ABOVE the horizon line.



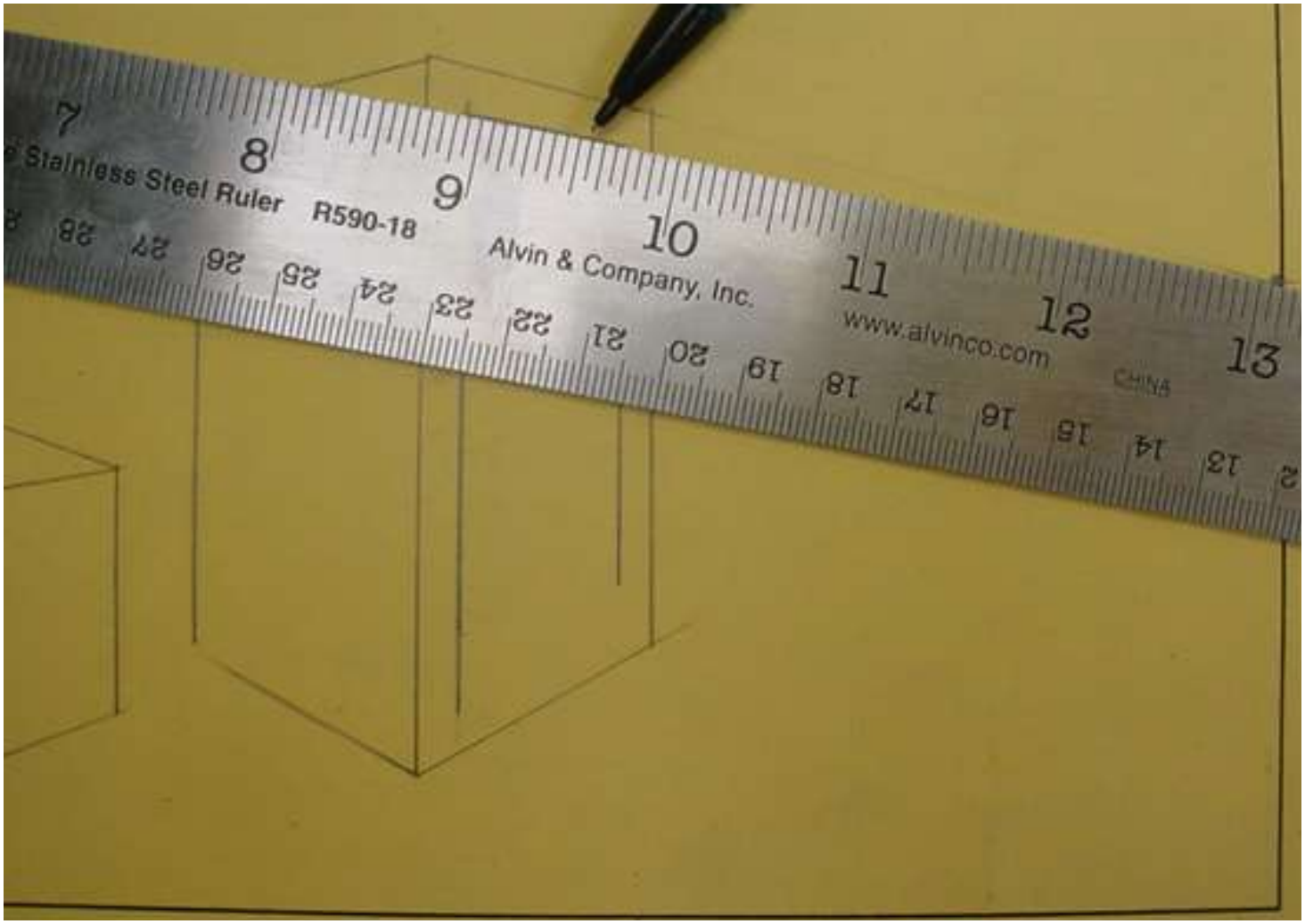
BOXES Step 9a – To OPEN the side of a box, start by drawing parallel vertical lines inside a box.



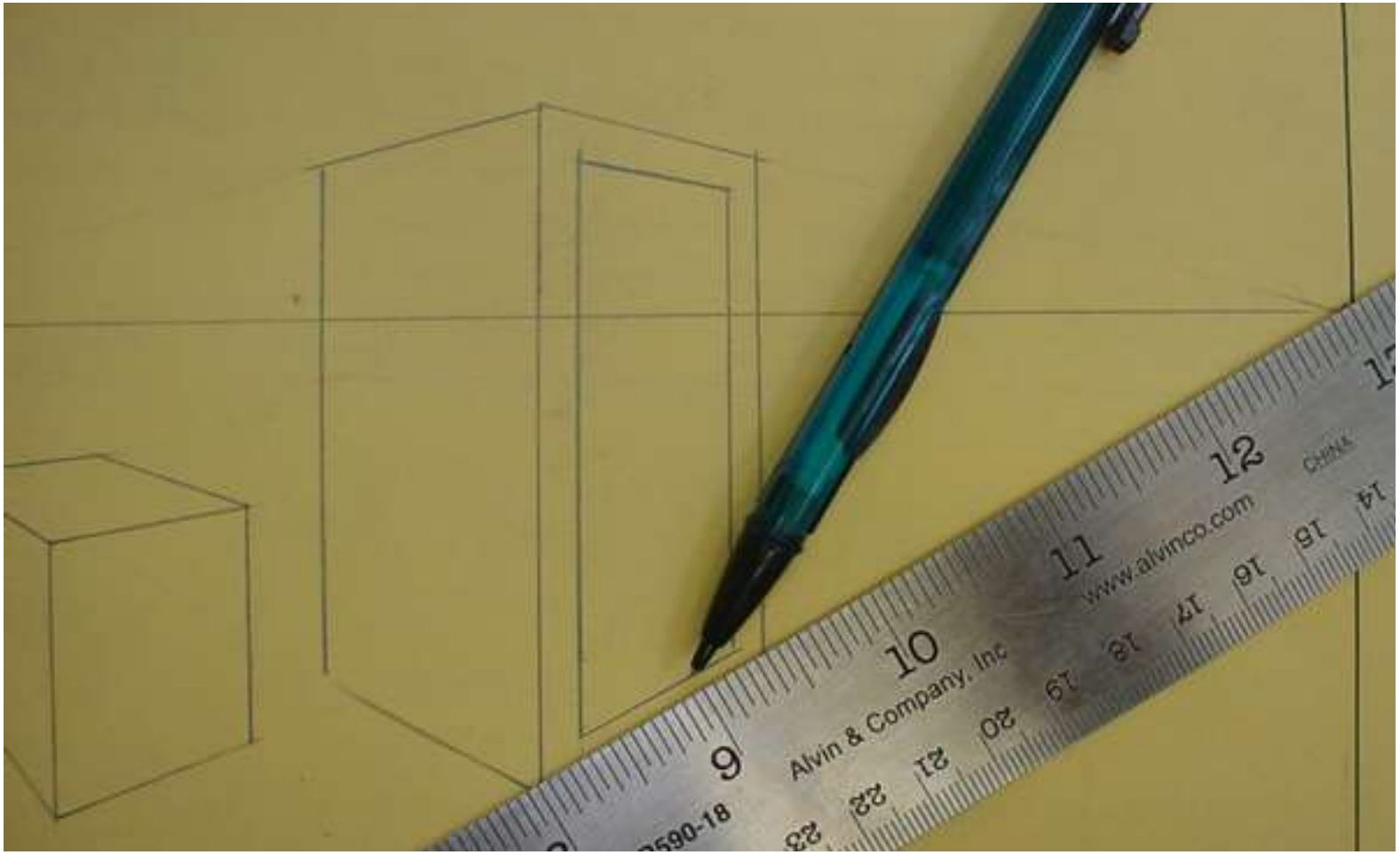
BOXES Step 9b – To OPEN the side of a box, start by drawing parallel vertical lines inside a box.



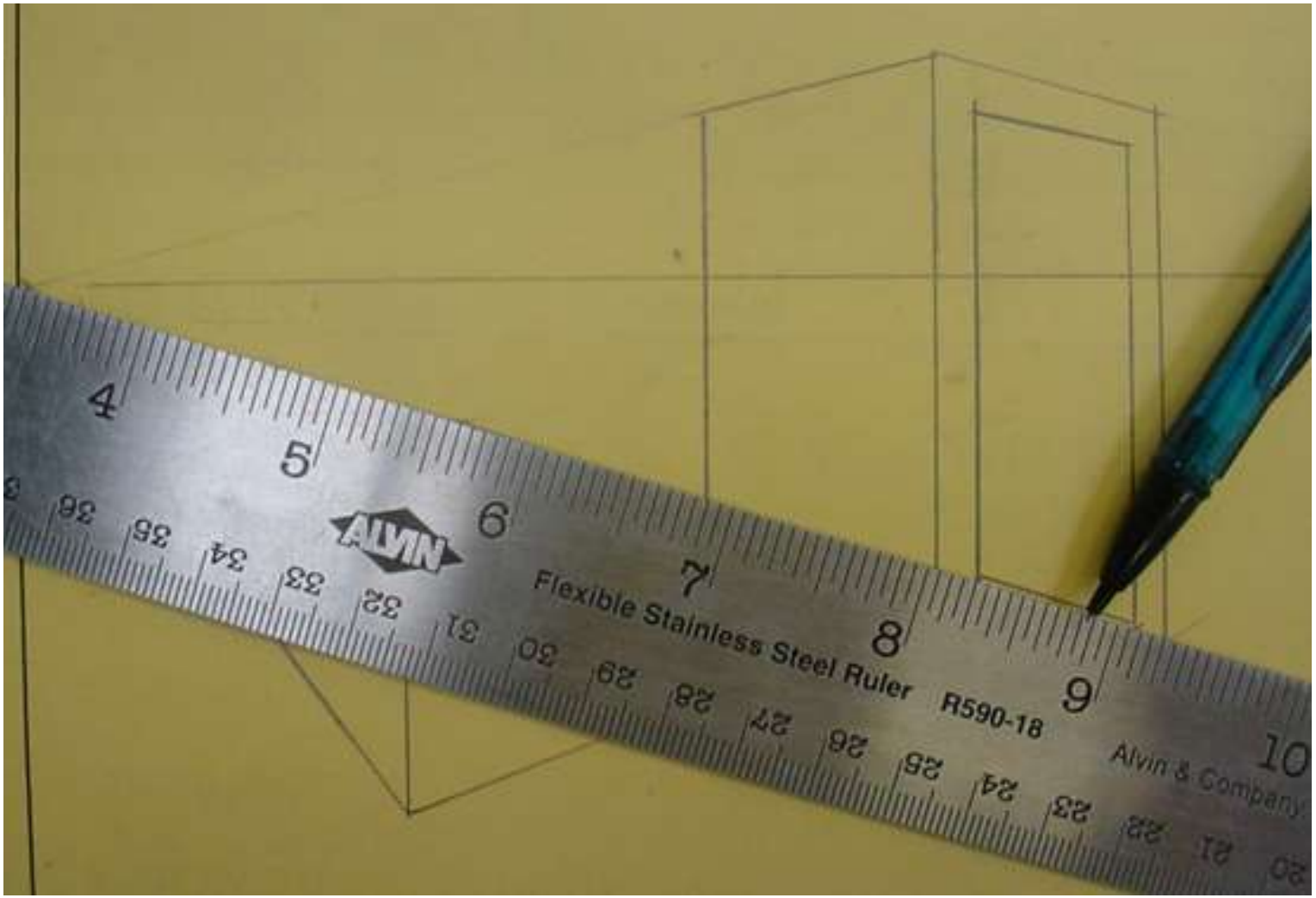
BOXES Step 9c – Draw converging lines from the top and bottom of the biggest vertical line to the vanishing point on the same side to make parallel converging lines inside the box..



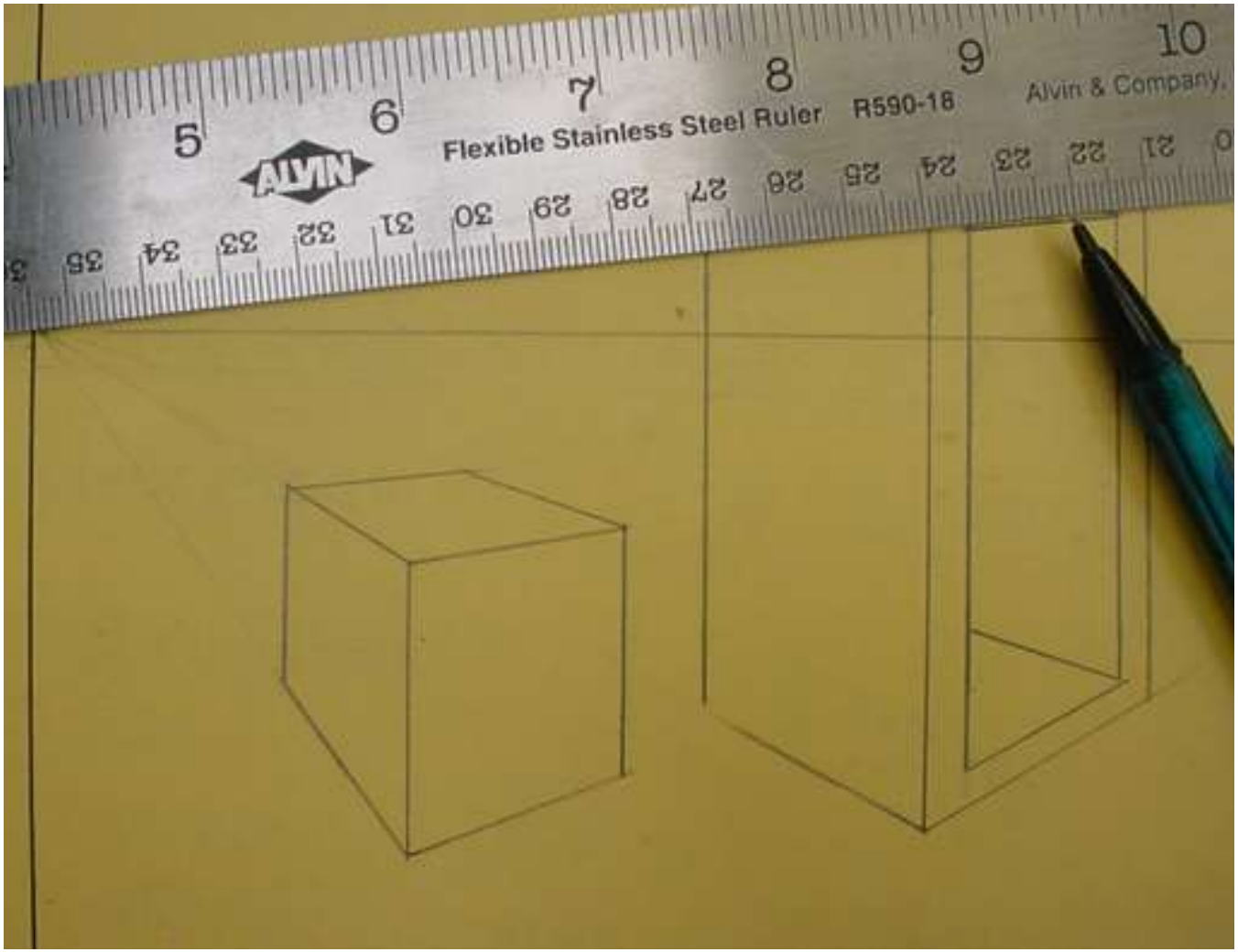
BOXES Step 9d – Draw converging lines from the top and bottom of the biggest vertical line to the vanishing point on the same side to make parallel converging lines inside the box..



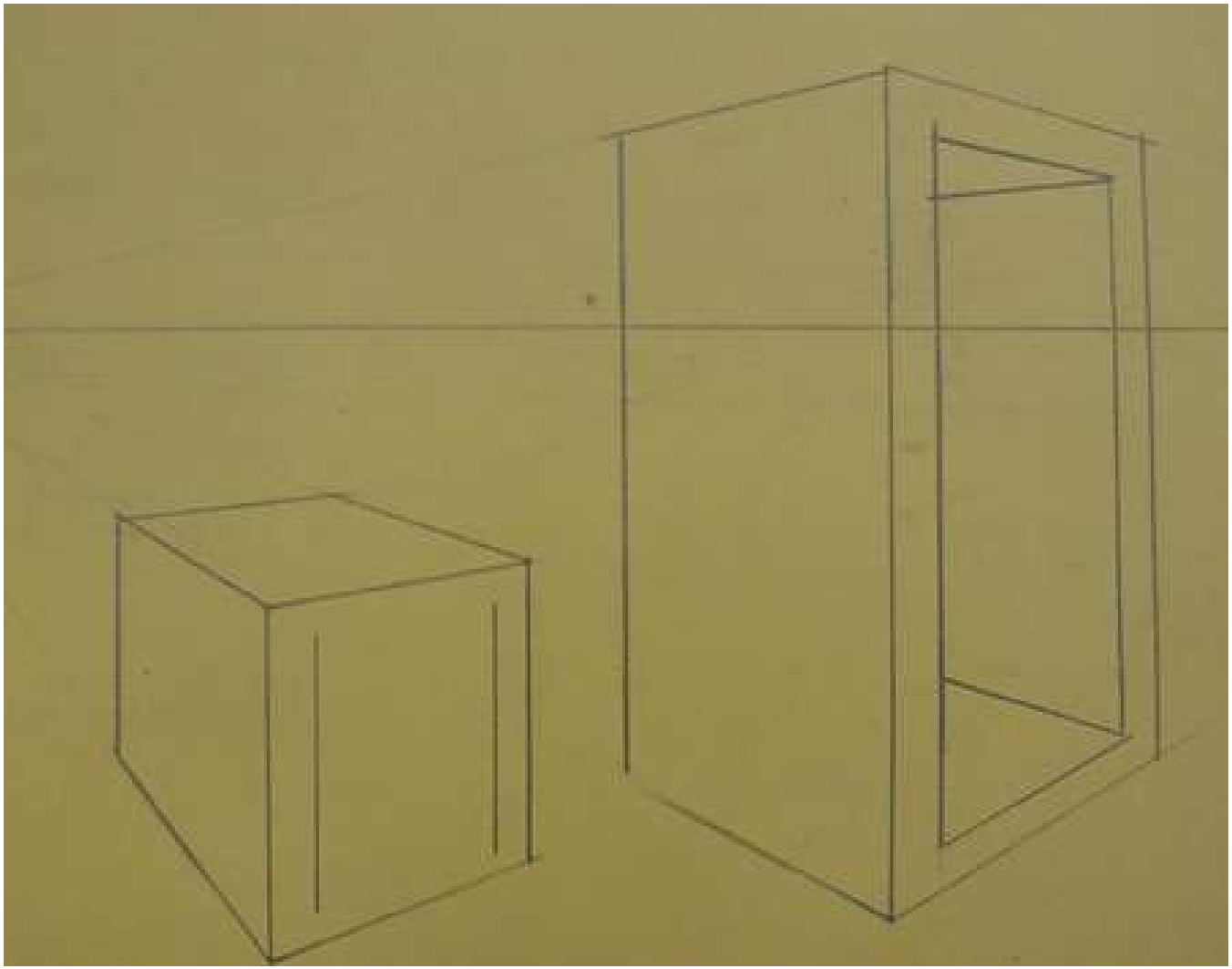
BOXES Step 9e – Draw a converging line from bottom back corner to the vanishing point on the OPPOSITE side to make the inside corner of the box.



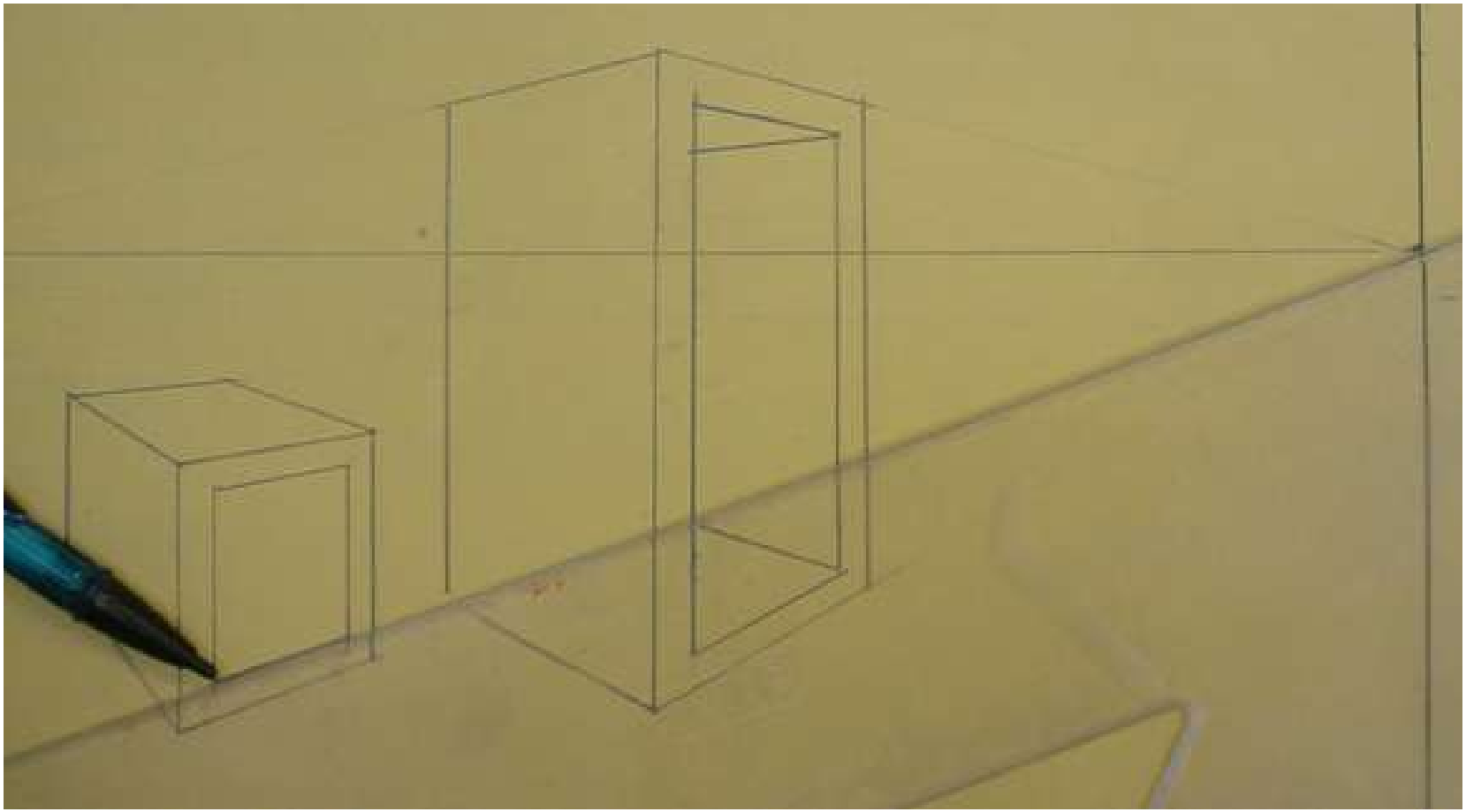
BOXES Step 9f – Draw a converging line from top back corner to the vanishing point on the OPPOSITE side to make the other inside corner of the box..



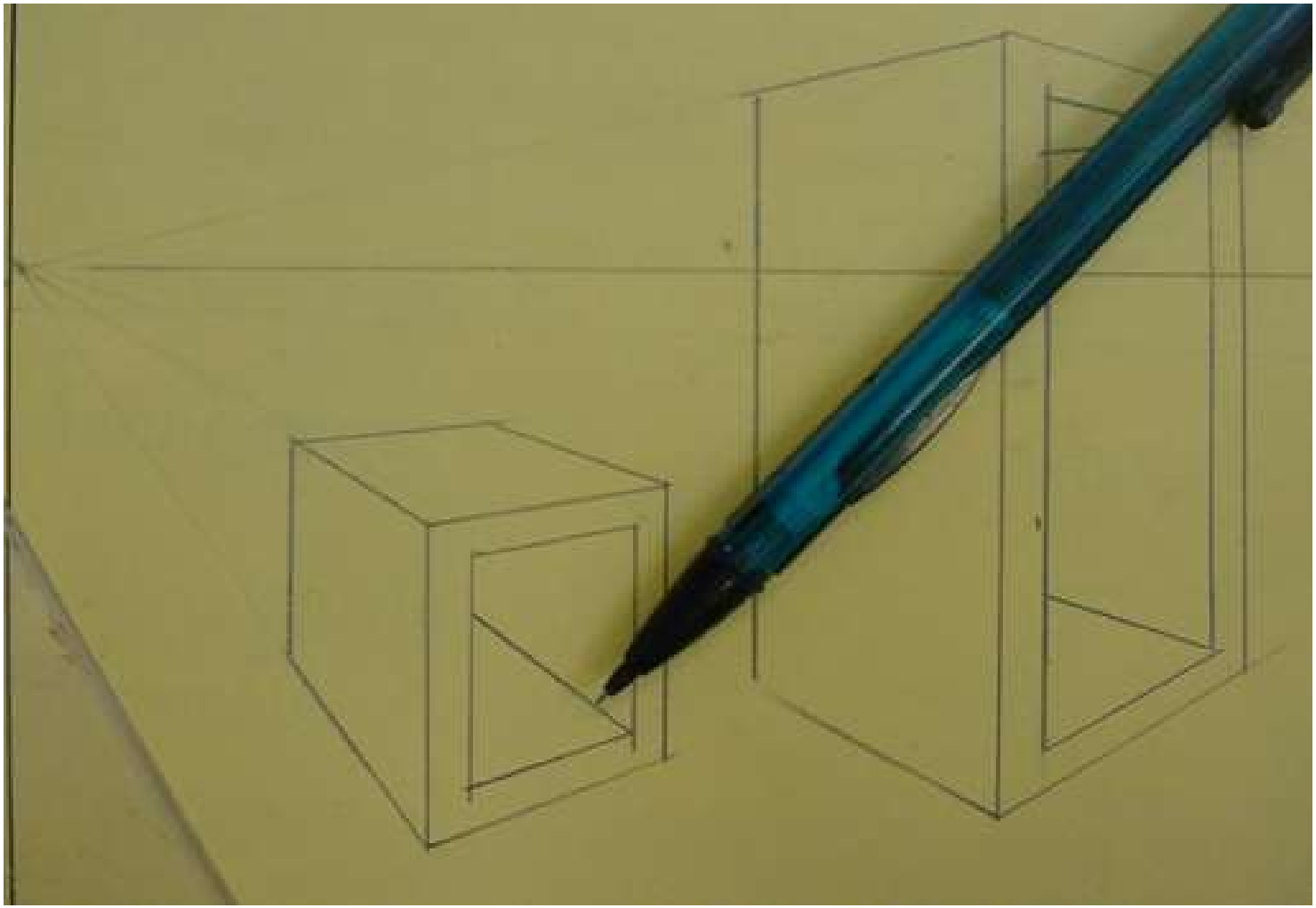
BOXES Step 10a – To OPEN the side of a box completely BELOW the horizon line start the same way with drawing two vertical lines.



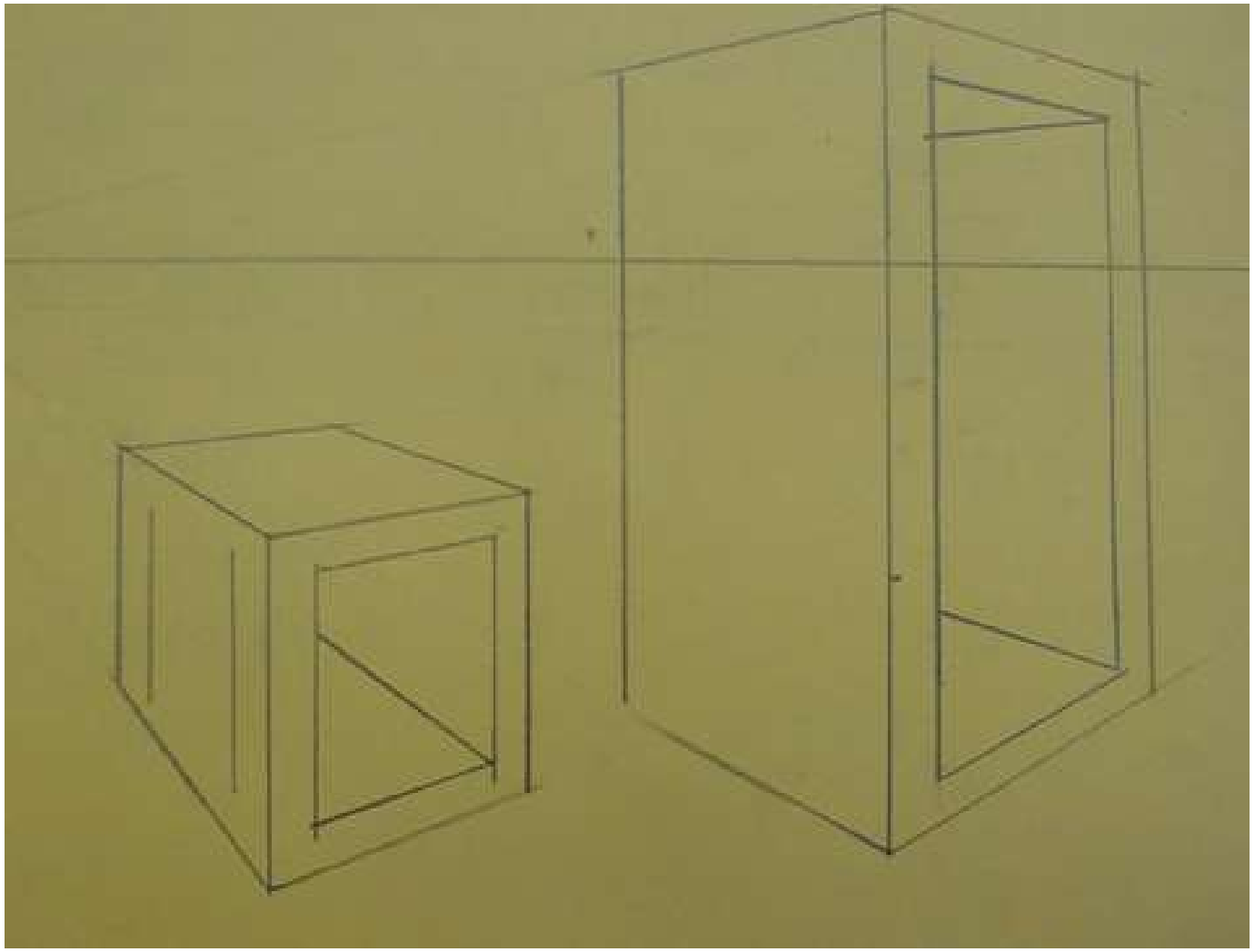
BOXES Step 10b – Draw two converging lines to the vanishing point on the **OPPOSITE** side just as you did for the other box.



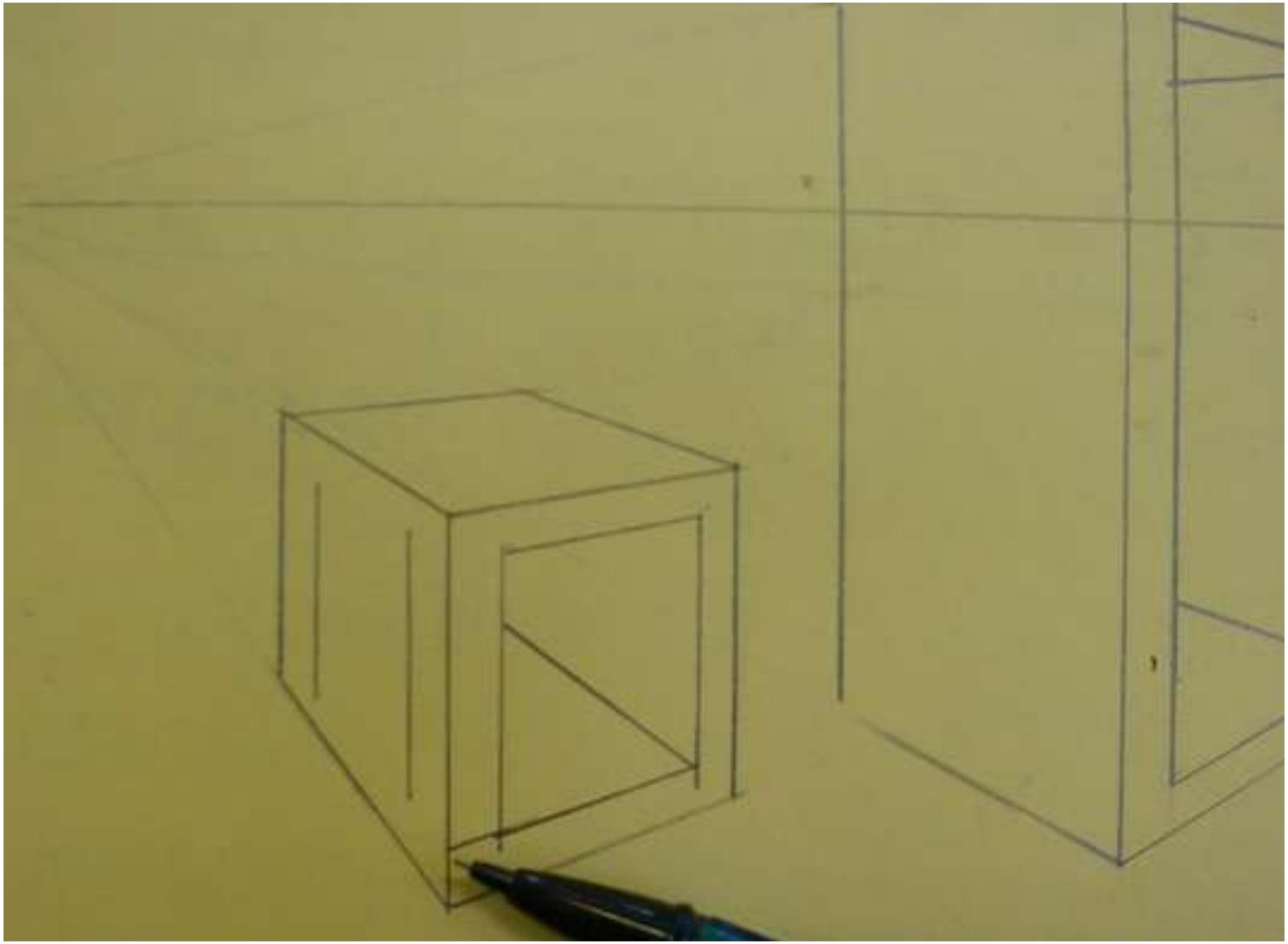
BOXES Step 10c – Draw one converging line to the vanishing point on the same side. There is only one inside corner visible.



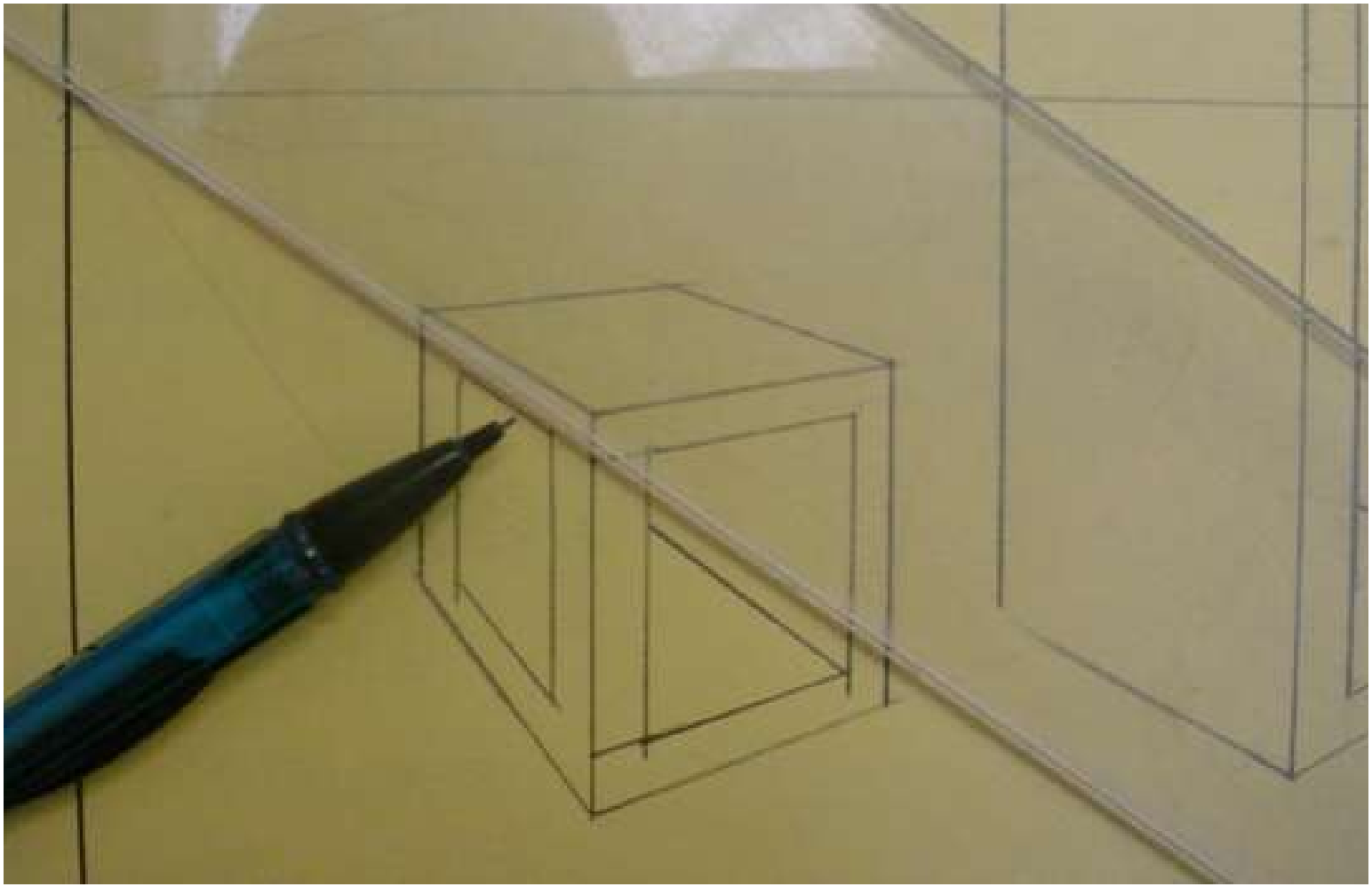
BOXES Step 10d – To OPEN a SECOND side of a box completely BELOW the horizon line start the same way by drawing two vertical lines.



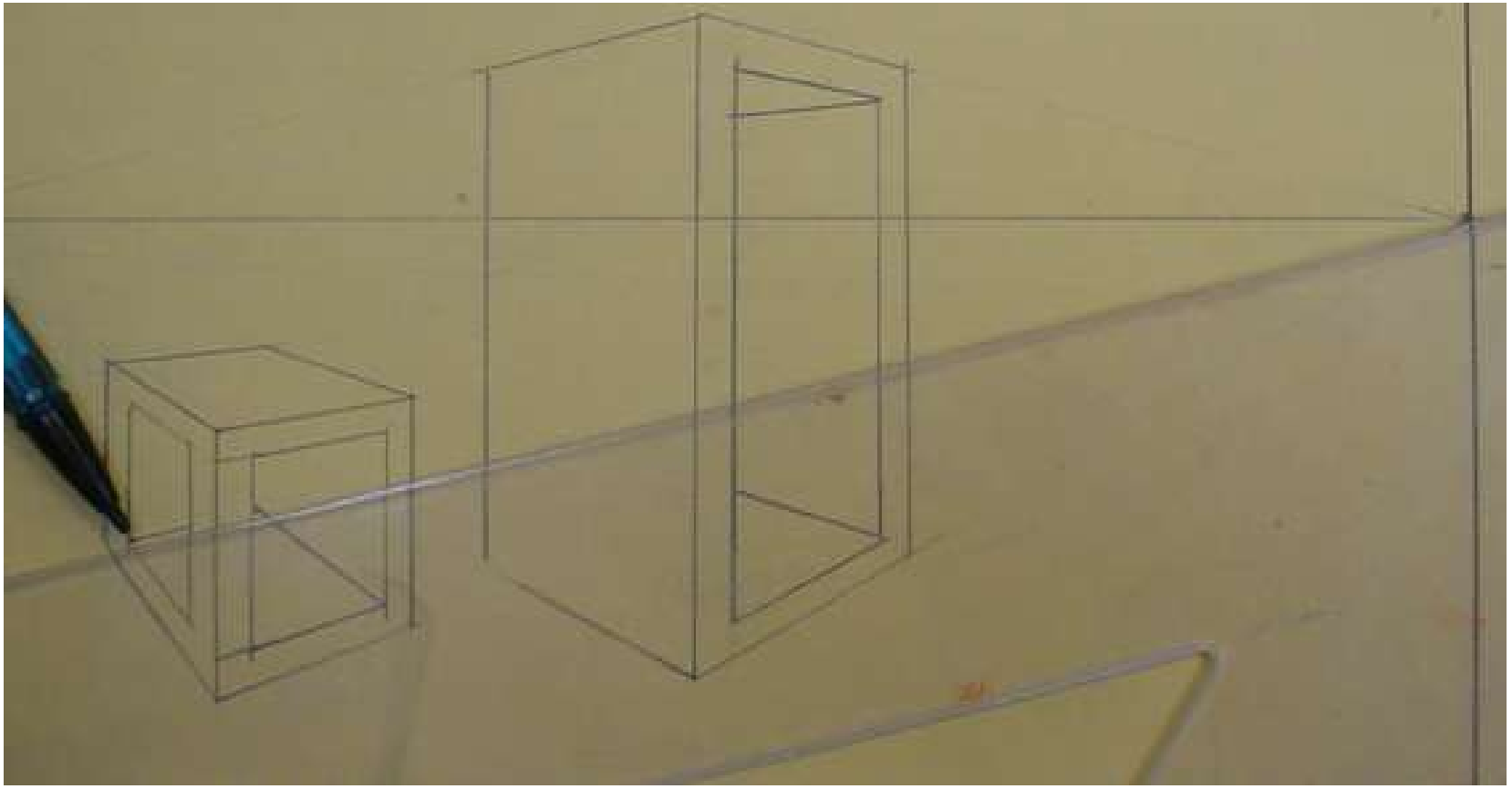
BOXES Step 10e – Extend the converging lines on the first side to the corner.



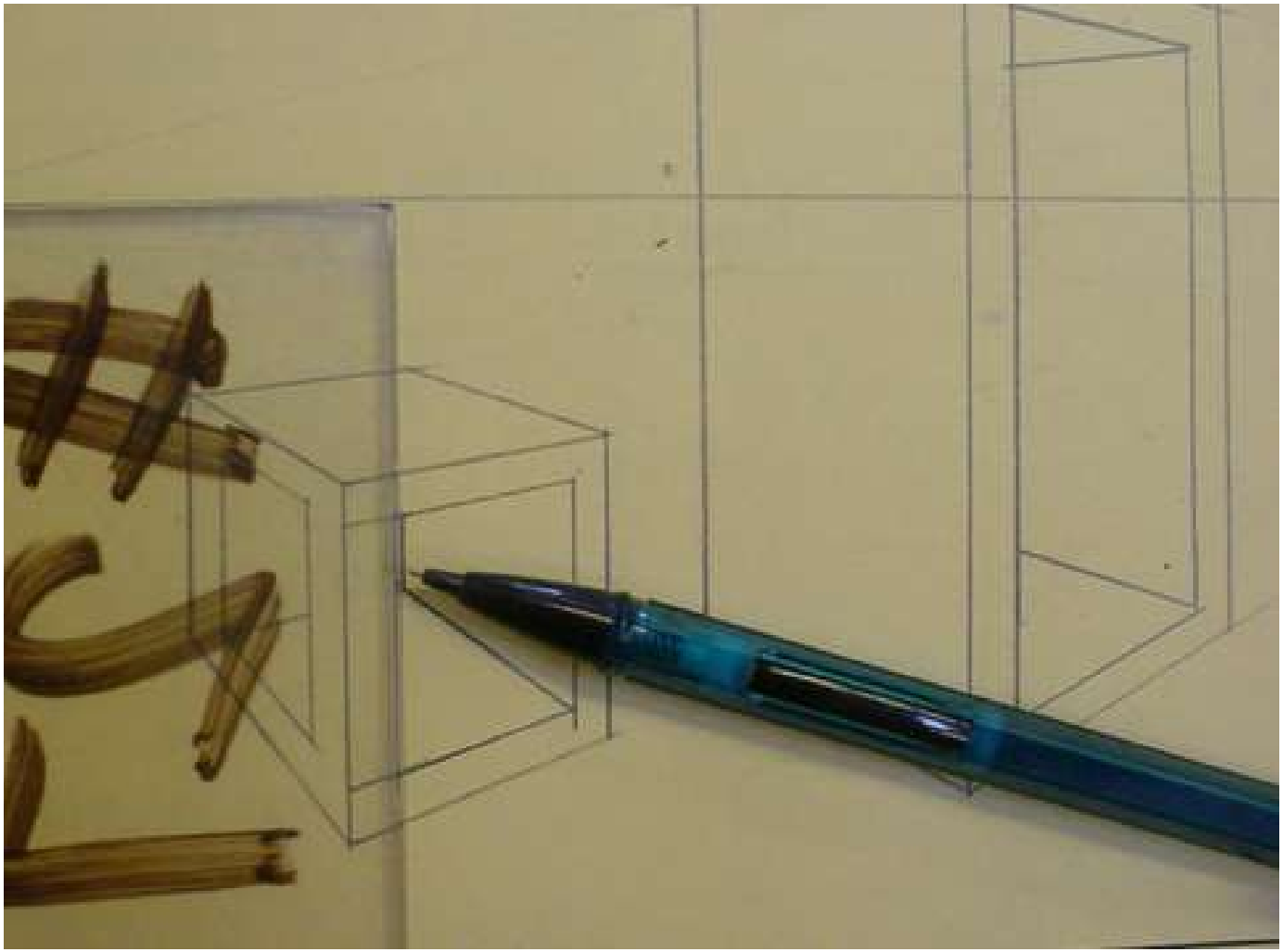
BOXES Step 10f – Draw two converging lines to the vanishing point to make the rest of the opening in the second side of the box.



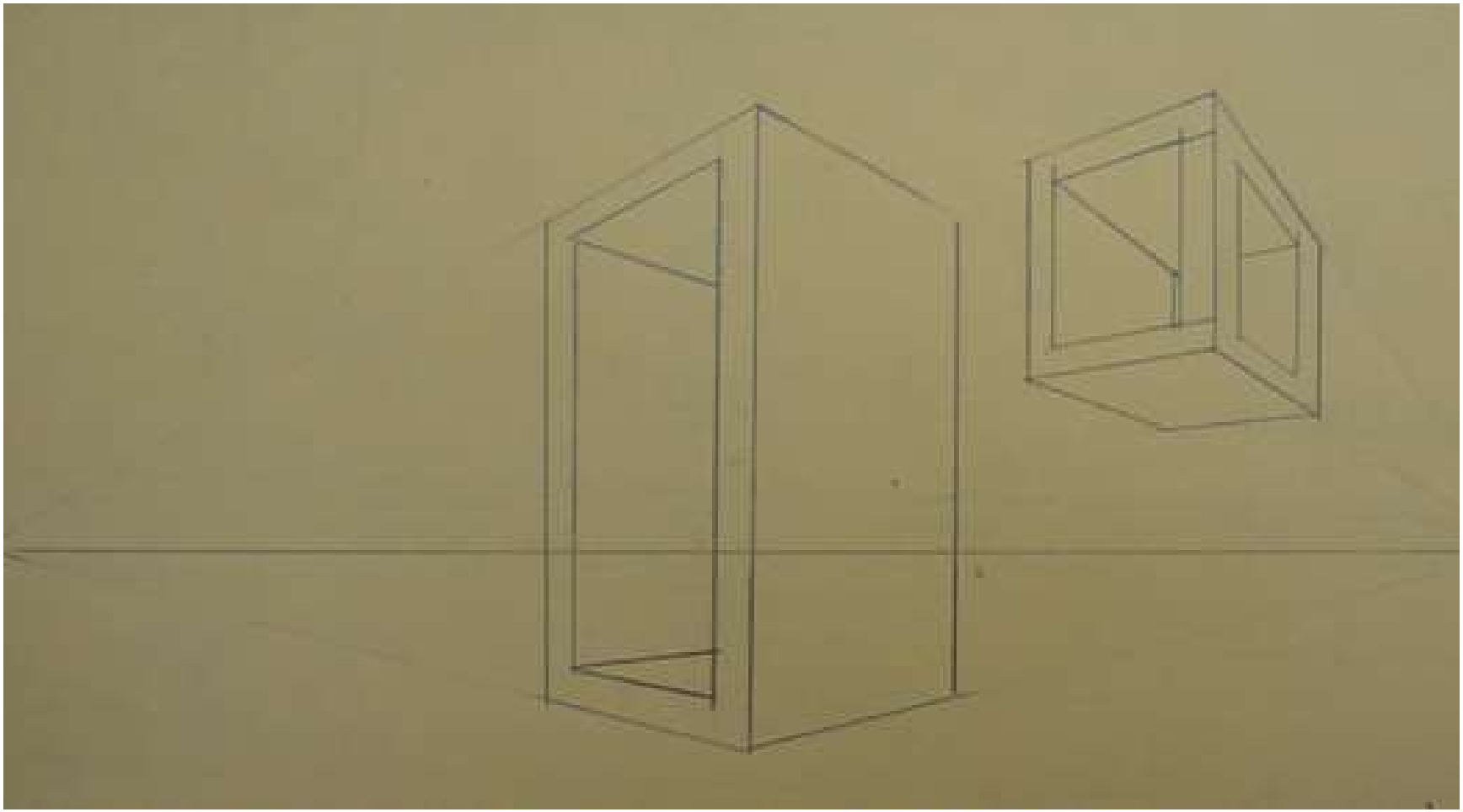
BOXES Step 10g – Draw a converging line from bottom back corner to the vanishing point on the OPPOSITE side to make the inside corner of the box but STOP when you get to the other converging line.



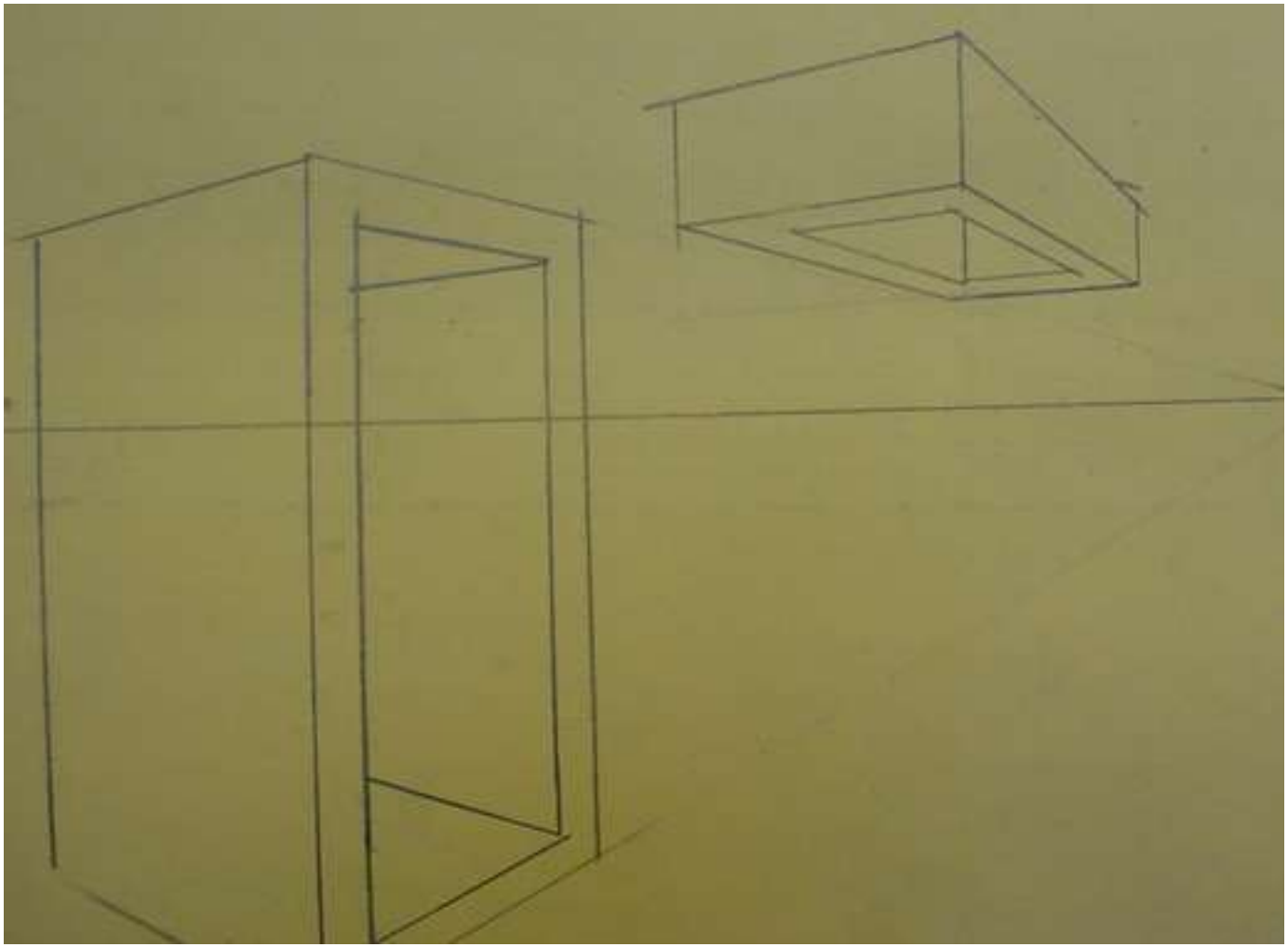
BOXES Step 10h – Draw a vertical line from where the two converging lines make the back corner of the bottom of the box.



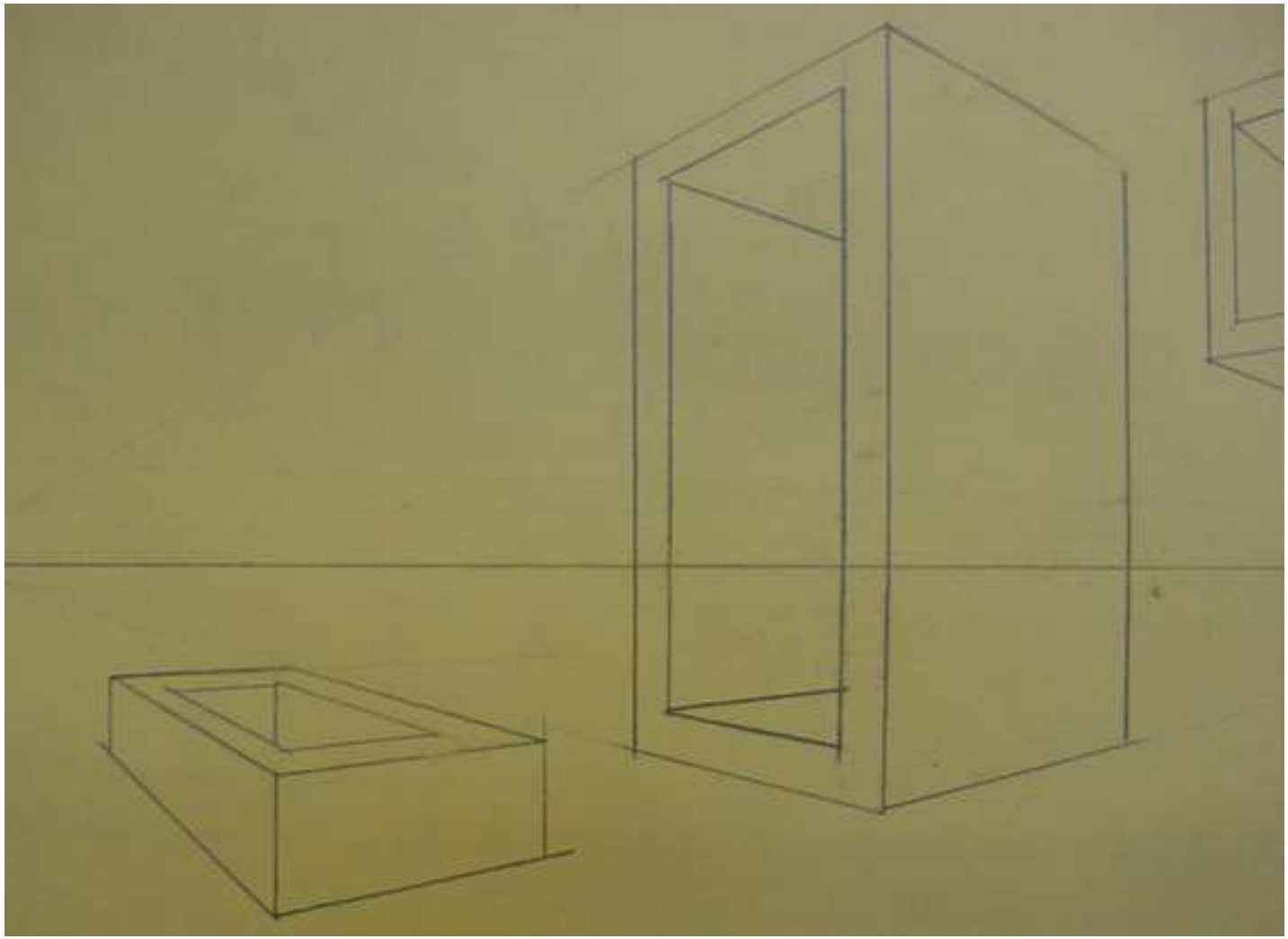
BOXES Step 11 – To draw OPEN boxes completely ABOVE the horizon line the steps are exactly the same.



BOXES Step 12a – To OPEN the bottom of a box which is above the horizon line, the steps are the same EXCEPT the inside corner is a vertical line.



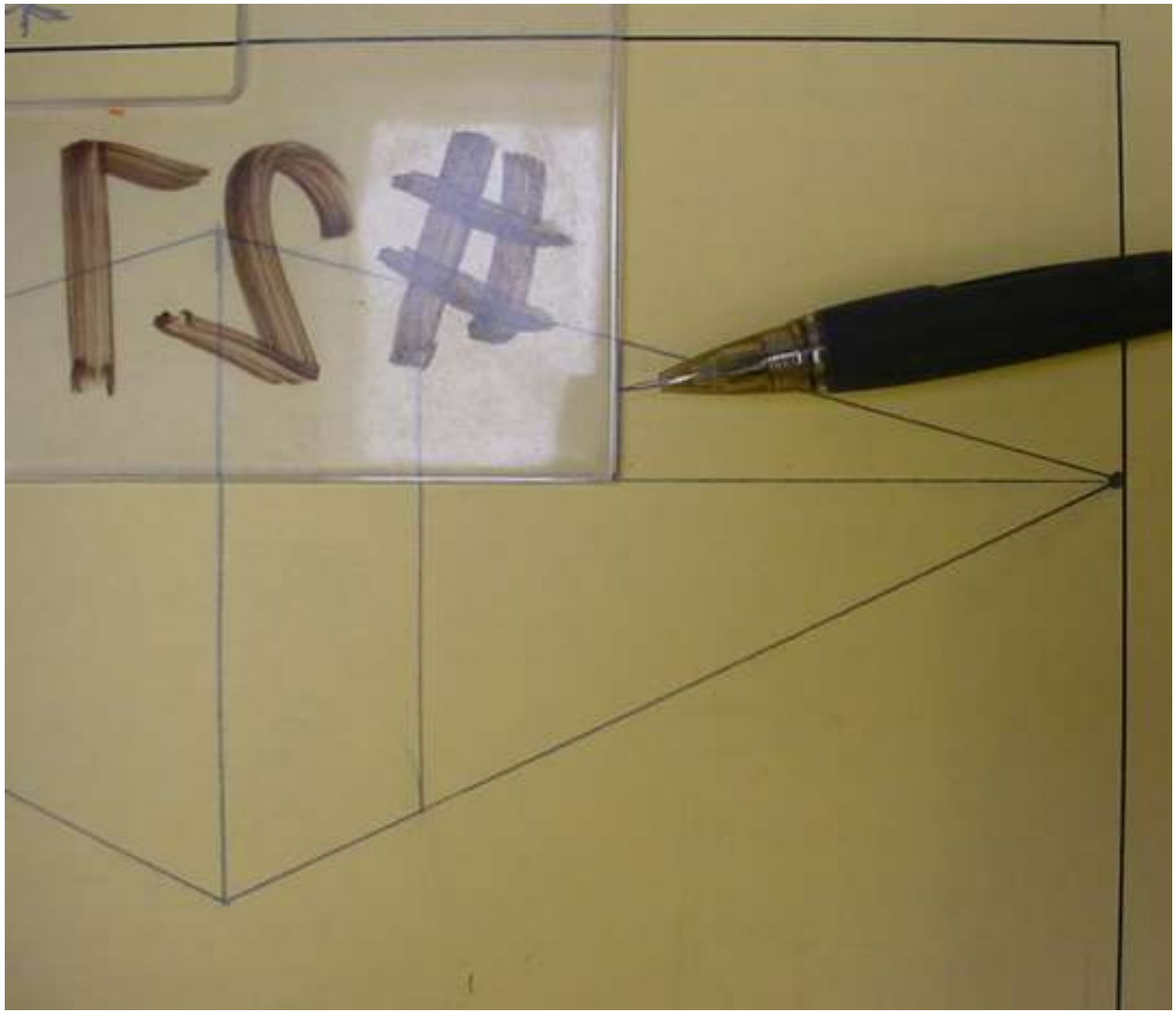
BOXES Step 12b – To OPEN the top of a box which is below the horizon line, the steps are the same EXCEPT the inside corner is a vertical line.



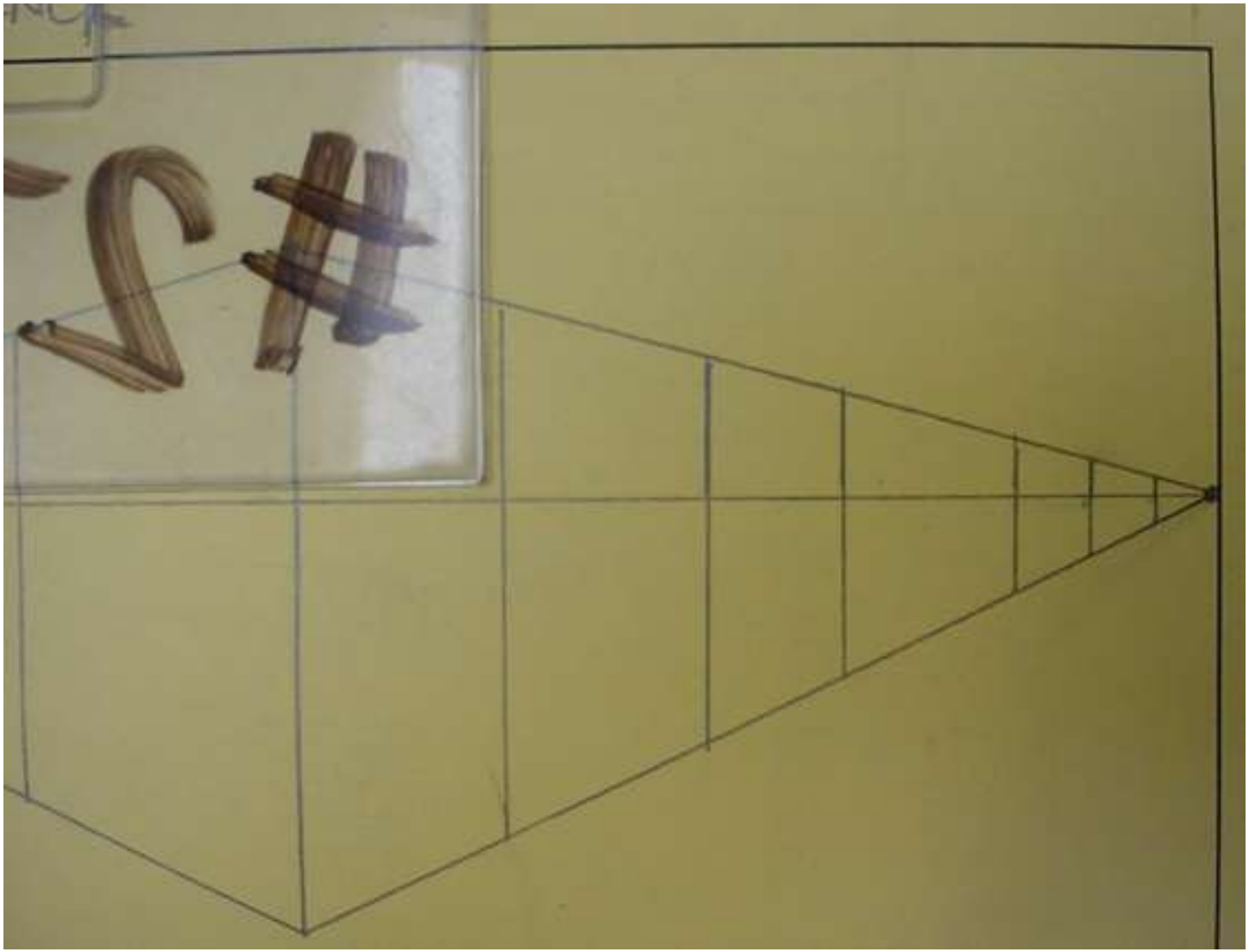
2 PT Perspective BOXES – ***Required practice***

- Box OVER the horizon line.
- Box completely ABOVE horizon line.
- Box completely BELOW horizon line.
- OPEN box.
- IRREGULAR box.

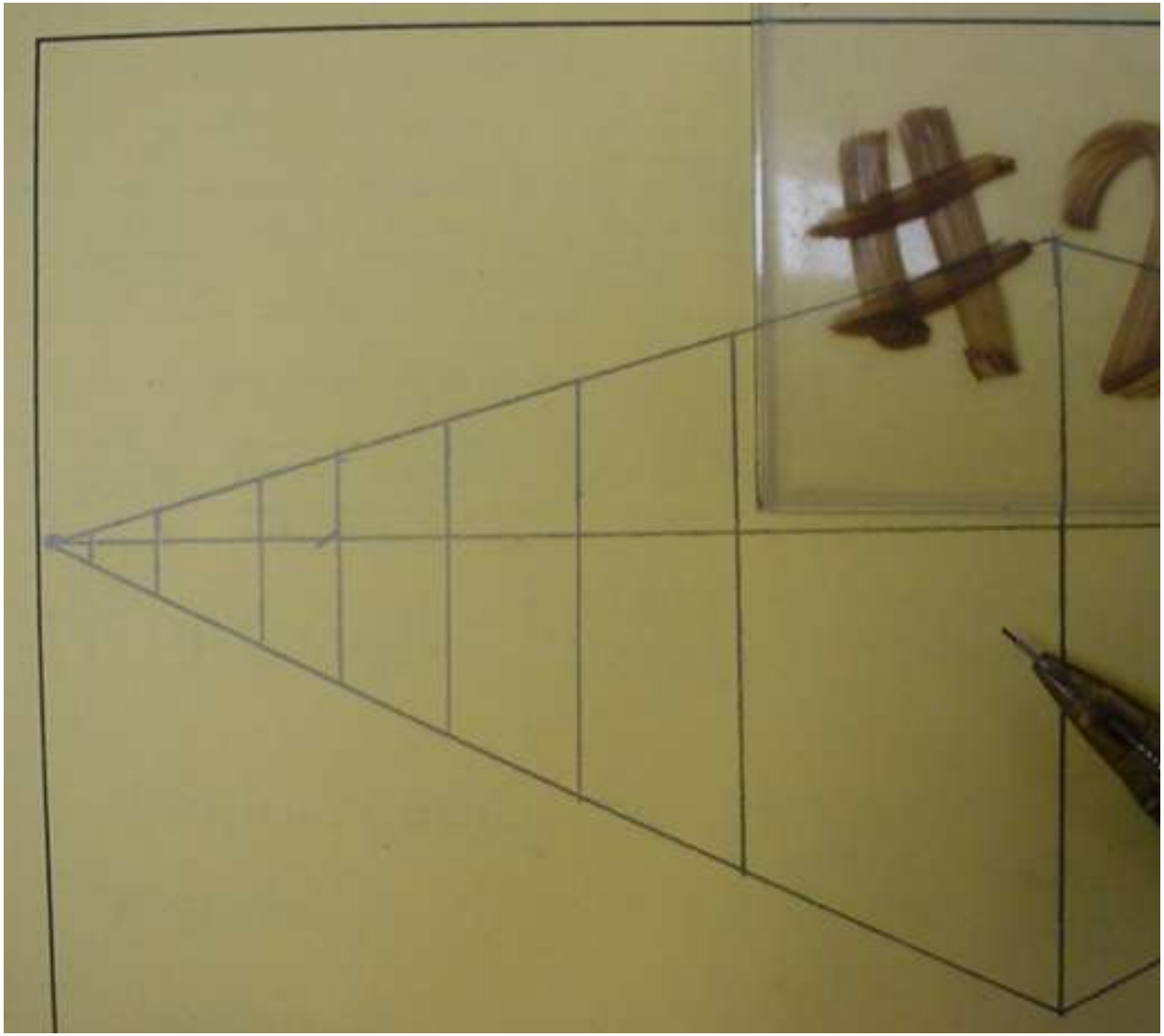
CORNER Step 6a – Draw more vertical lines between the converging lines on both sides to create more buildings.



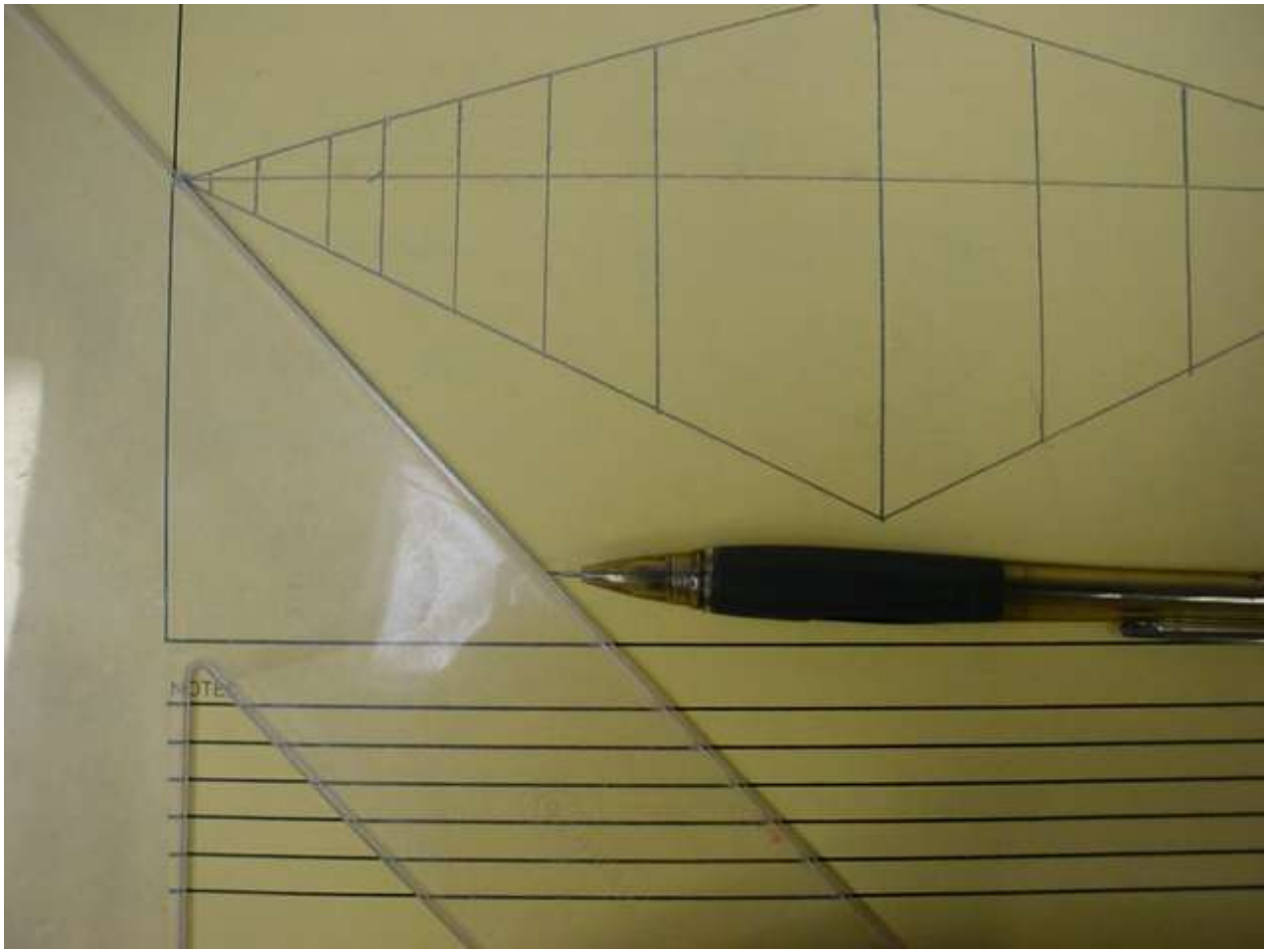
CORNER Step 6b – Draw more vertical lines between the converging lines on both sides to create more buildings.



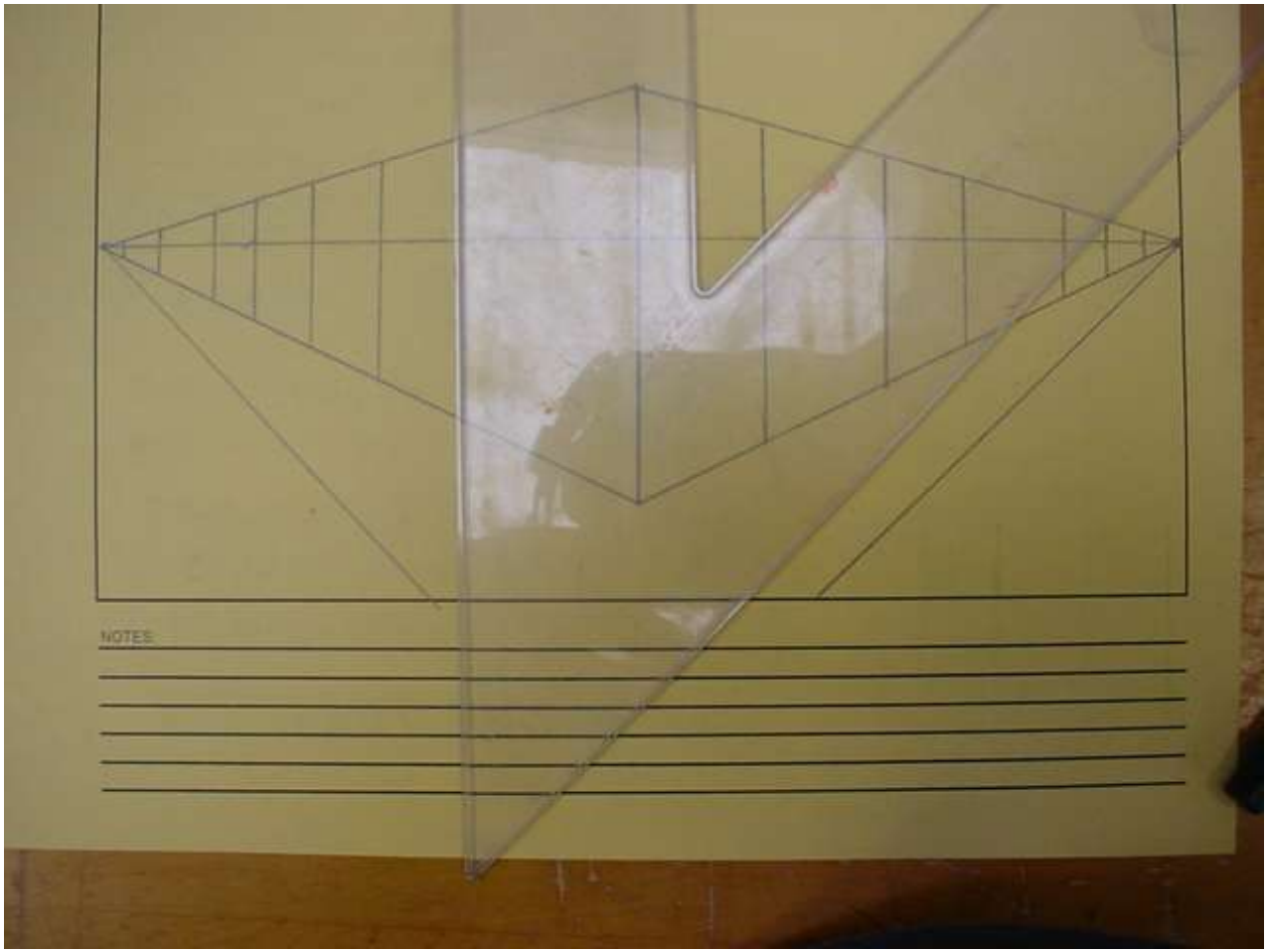
CORNER Step 6c – Draw more vertical lines between the converging lines on both sides to create more buildings.



CORNER Step 7a – Draw two converging lines from the vanishing points to simulate the street.

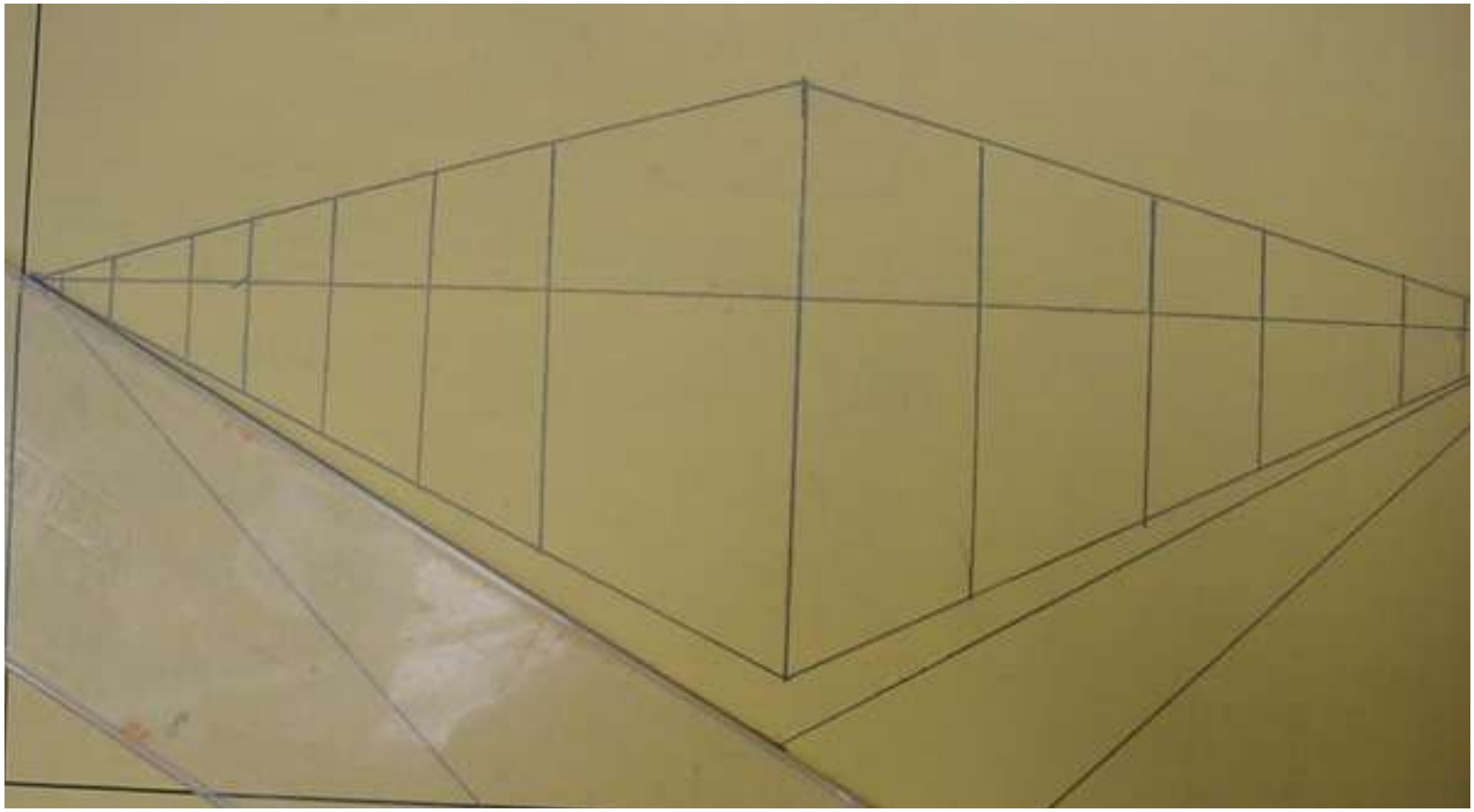


CORNER Step 7b – Draw two converging lines from the vanishing points to simulate the street.

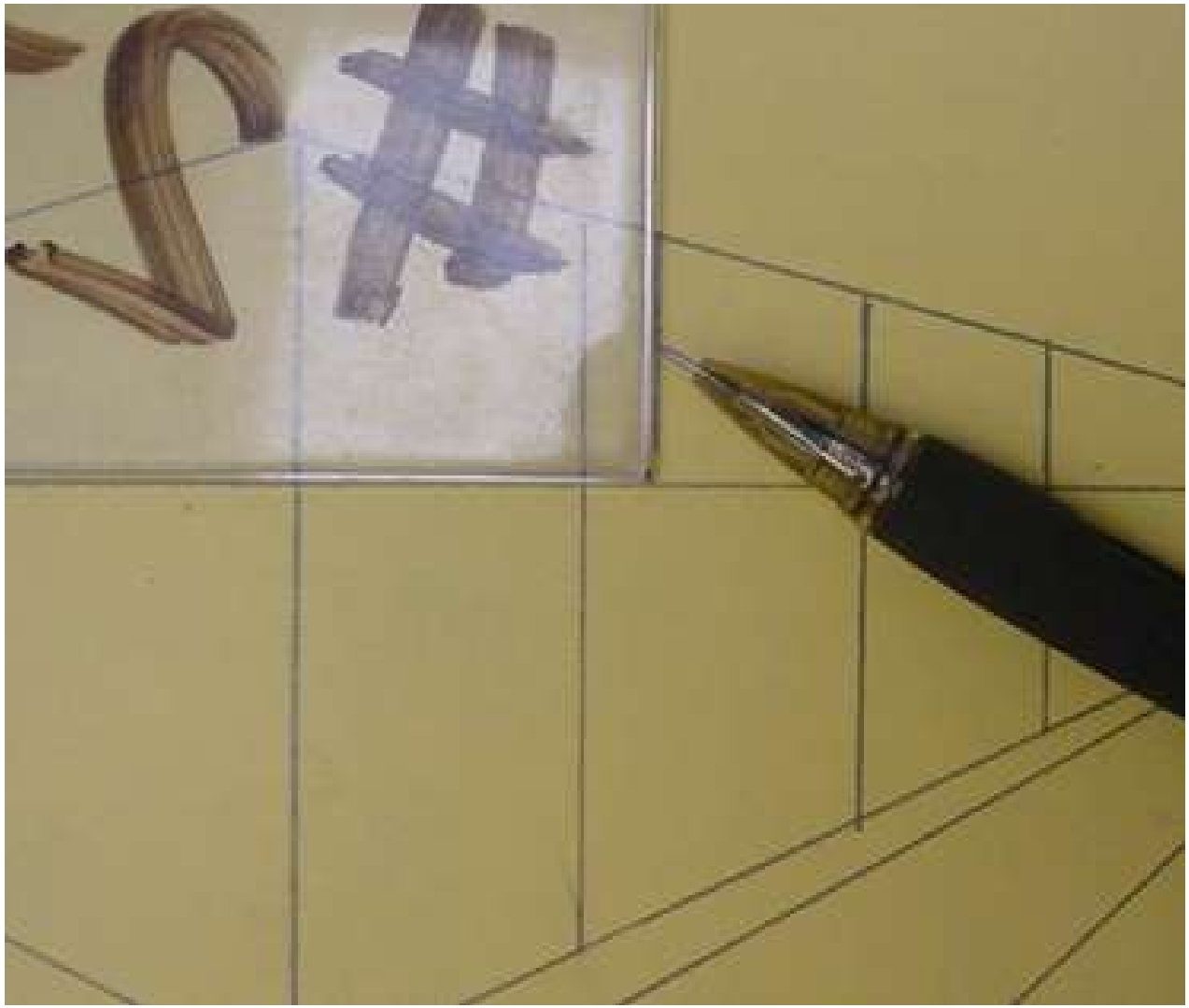


CORNER Step 8 – Repeat the same lines for the sidewalk.

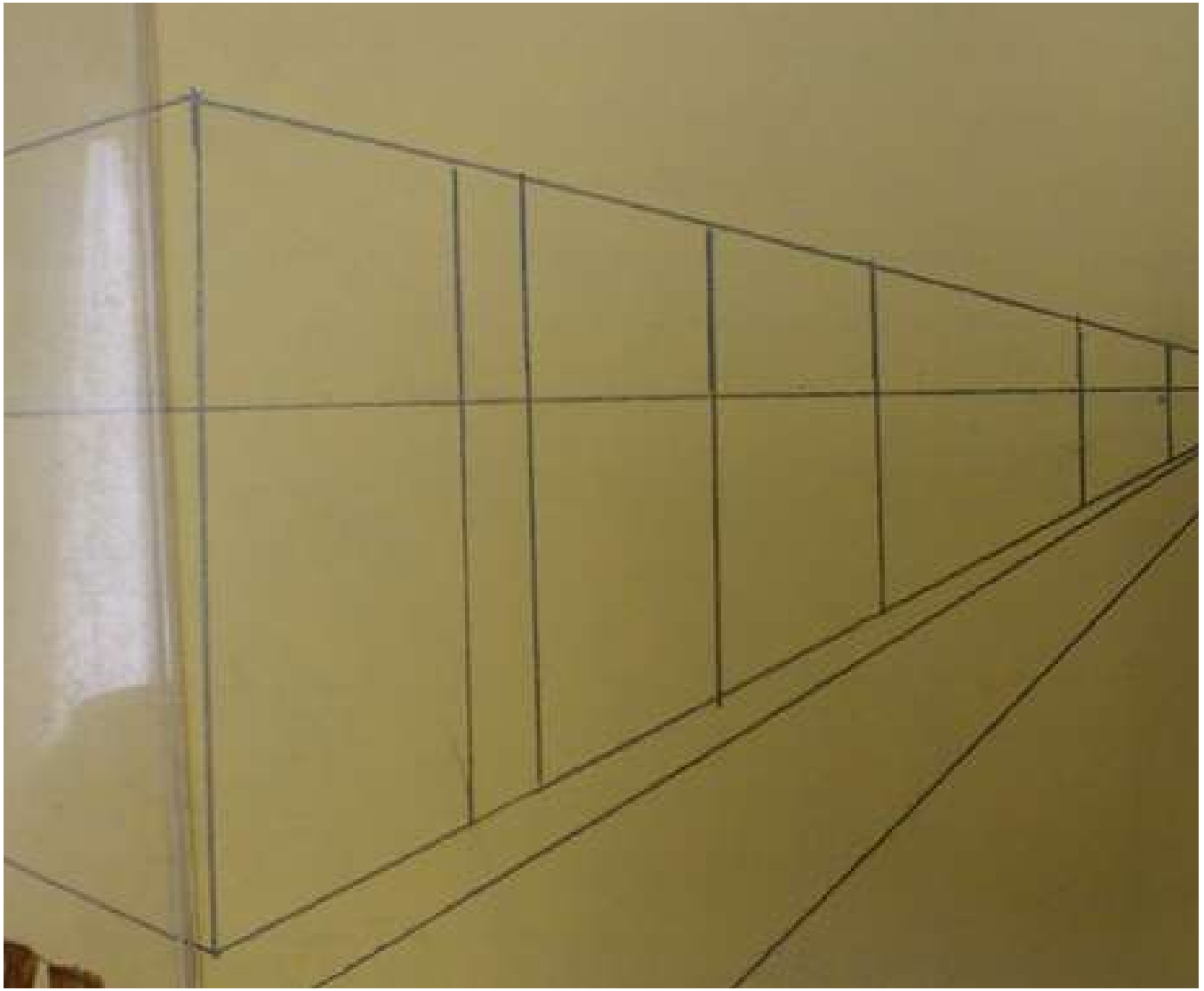
Consider the size of a walkway to the street and buildings.



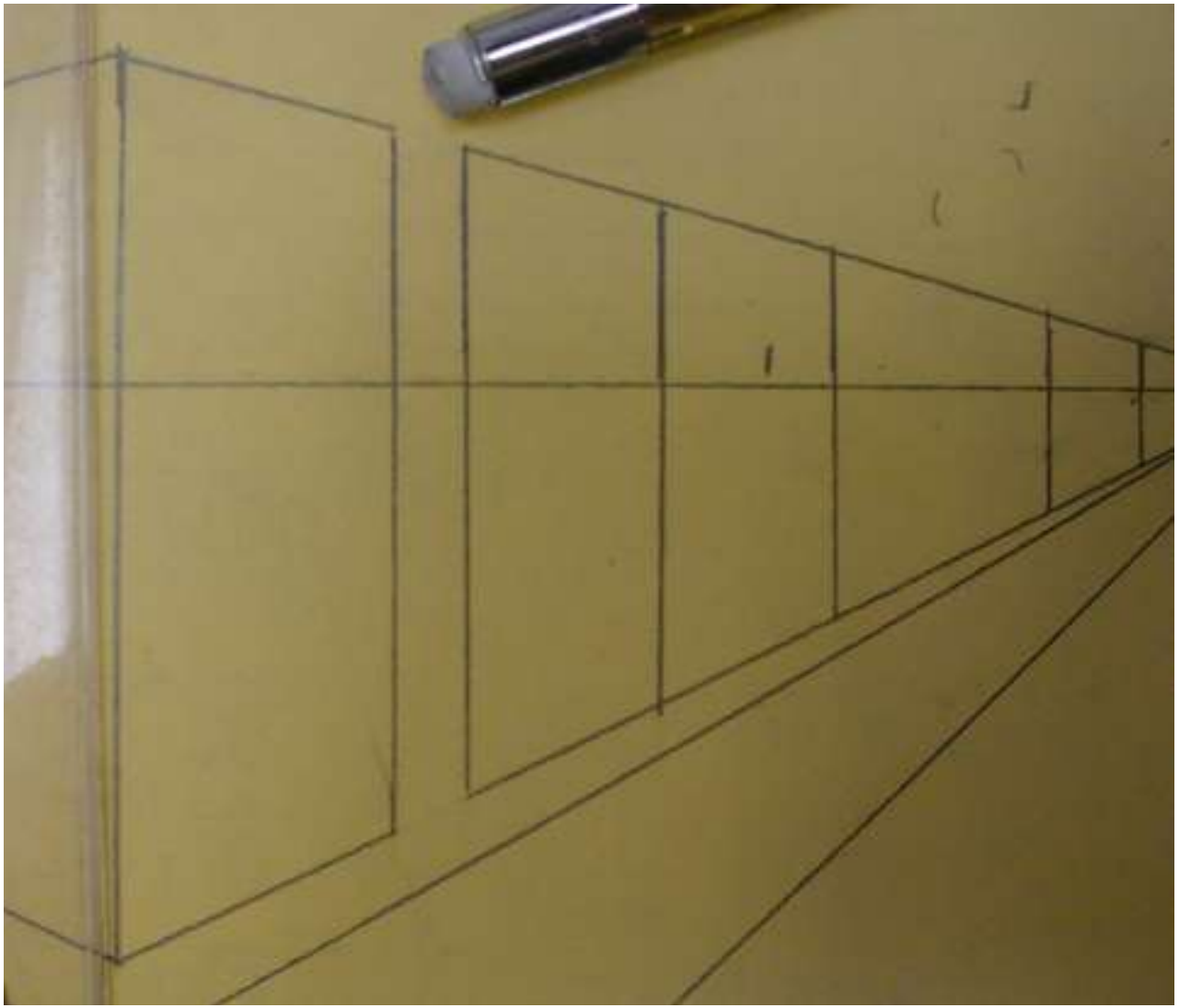
CORNER Step 9a – To create SPACE between two buildings, start by drawing a vertical line next to an existing vertical line between two buildings.



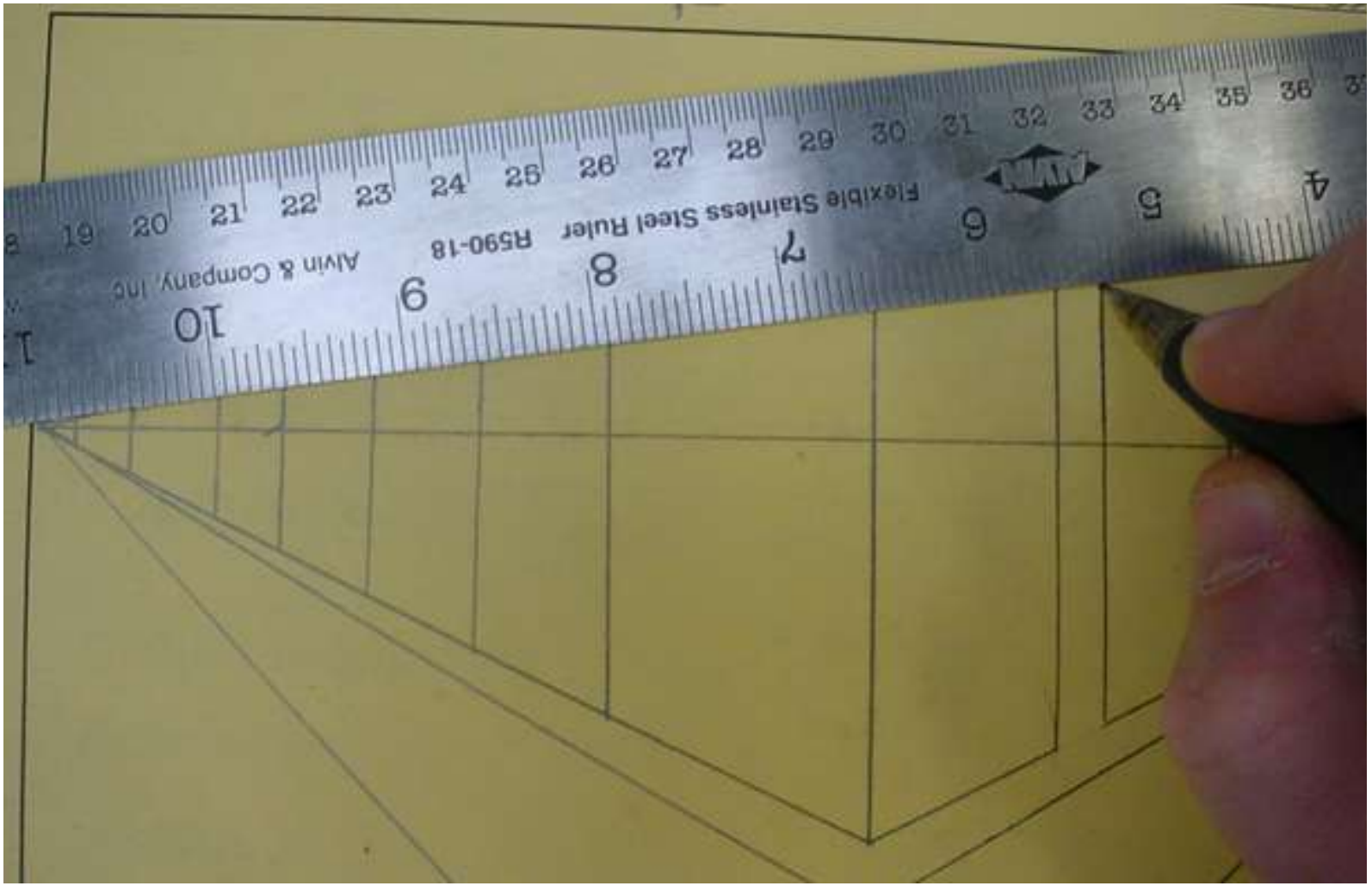
CORNER Step 9a – The vertical line must go from one converging line to the other.



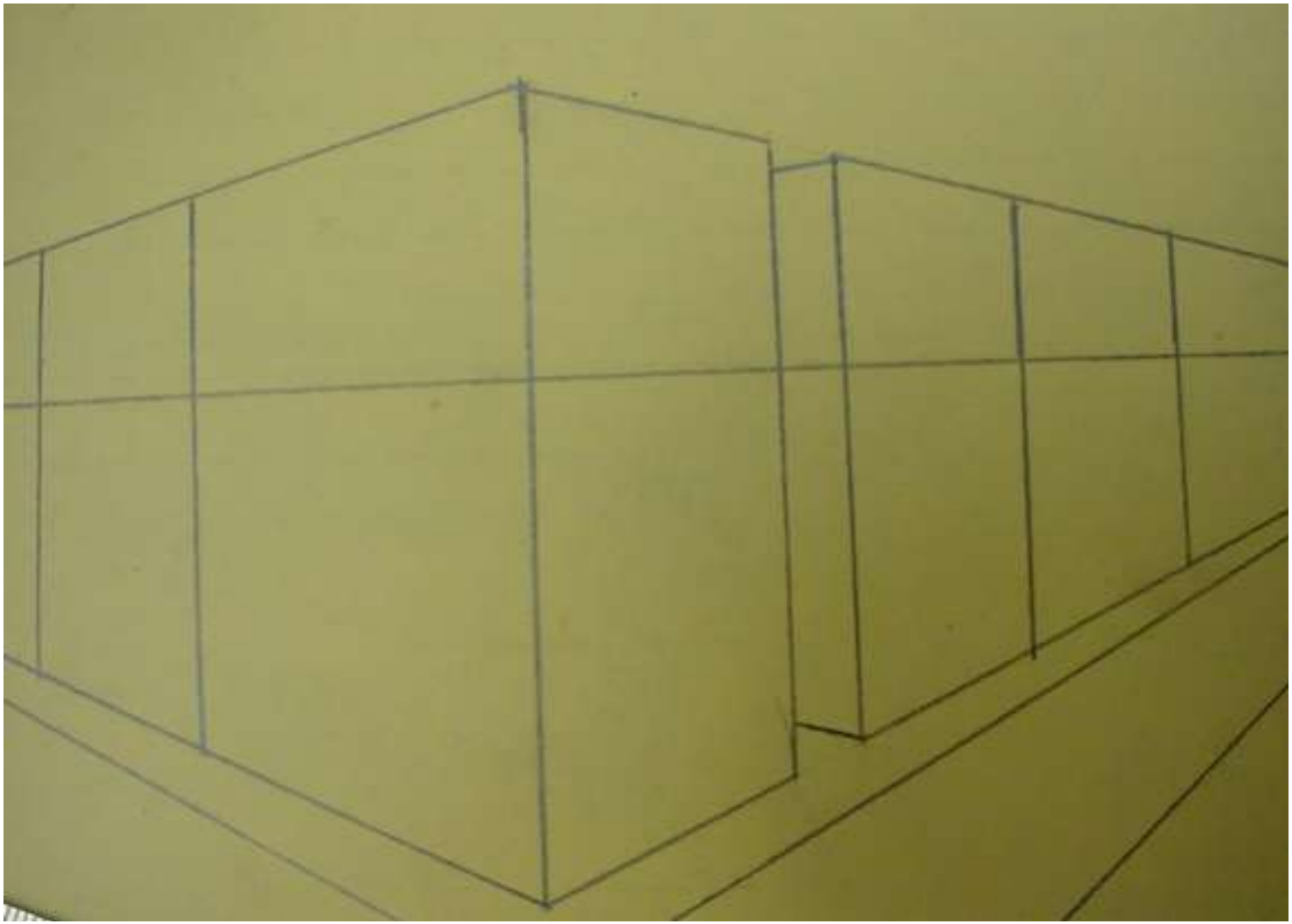
CORNER Step 10a – Erase the converging lines between the vertical lines. This creates open space between the buildings.



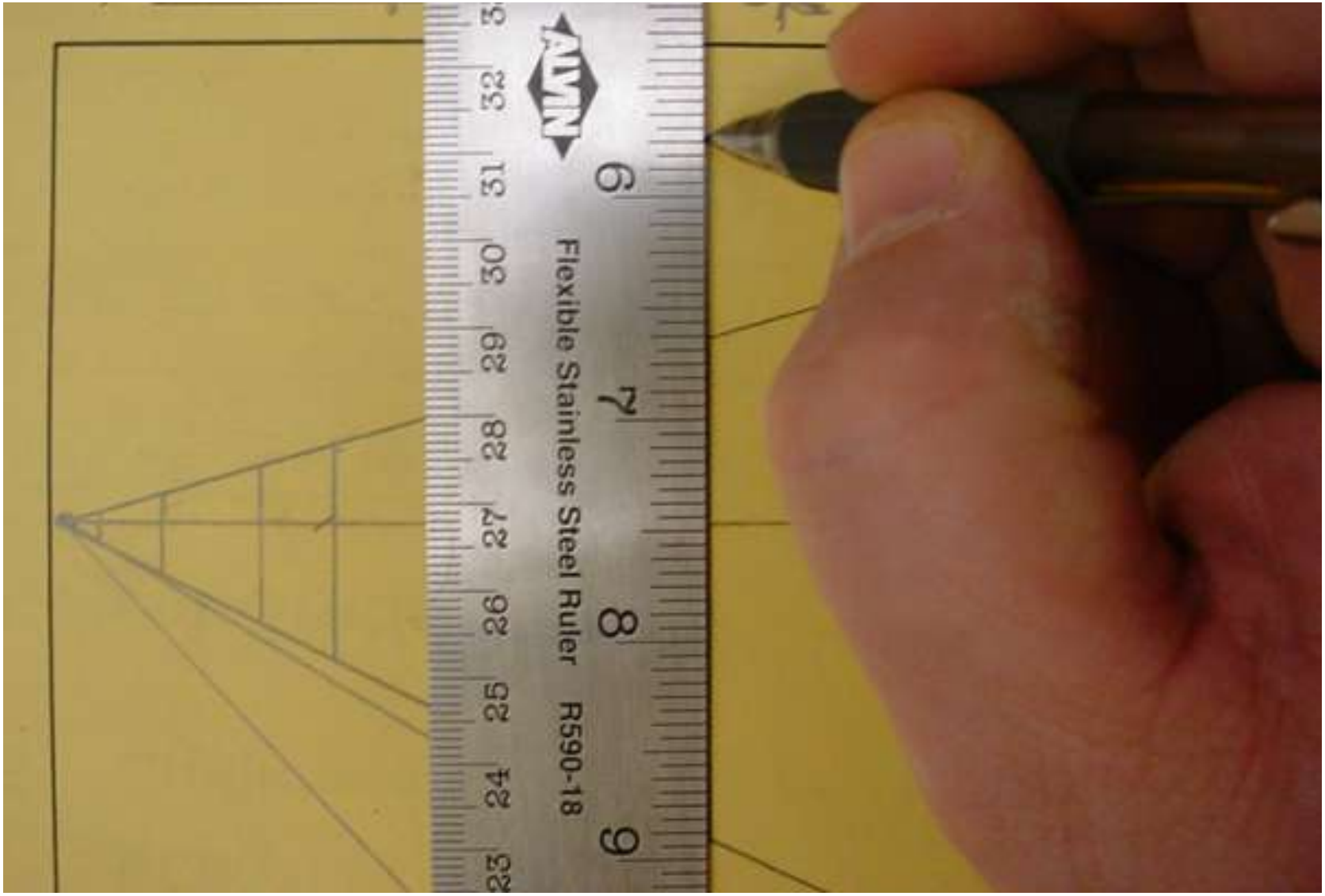
CORNER Step 10b – Draw two converging lines from the corner of the second building to the vanishing point on the **OPPOSITE** side.



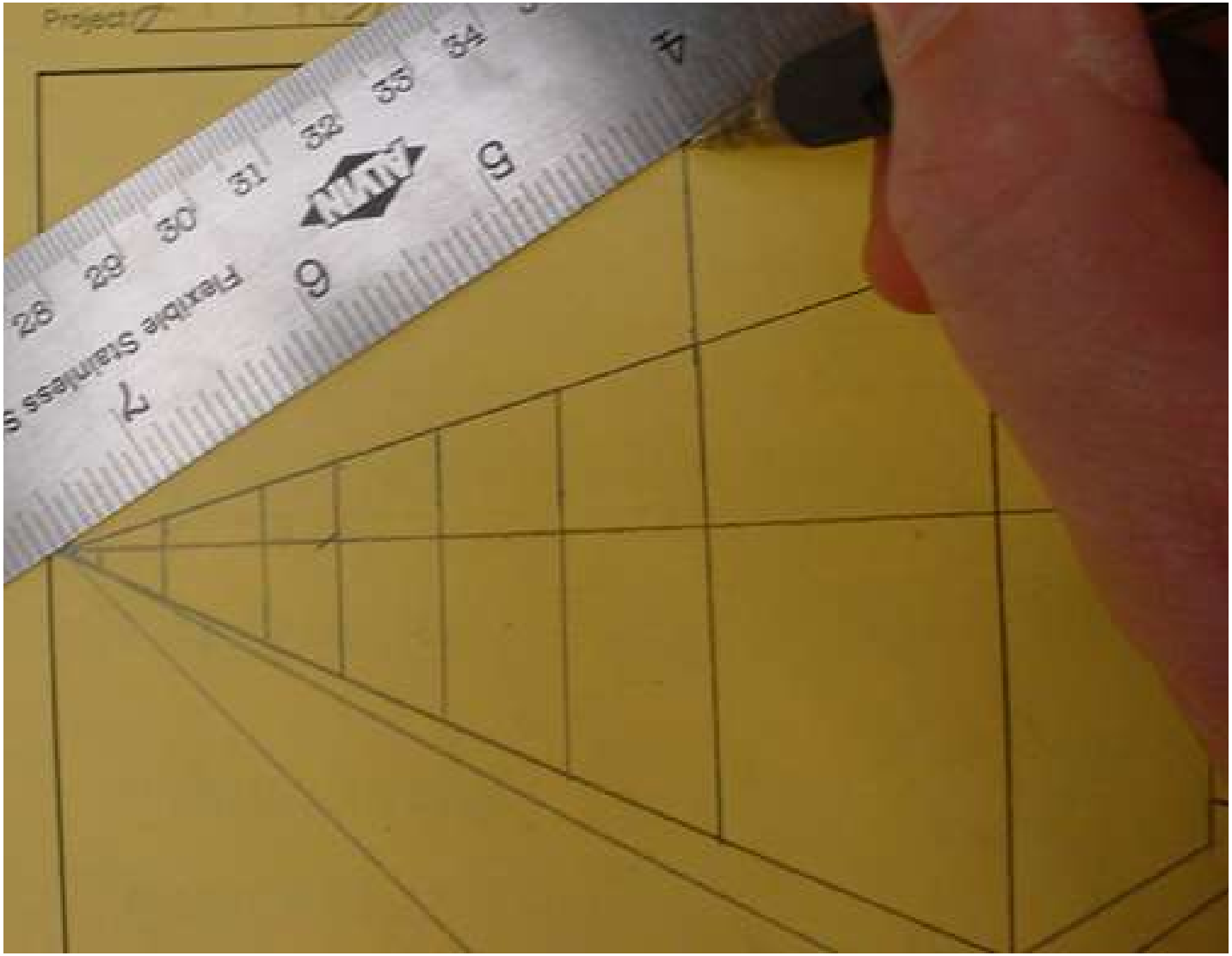
CORNER Step 10b – Draw two converging lines from the corner of the second building to the vanishing point on the **OPPOSITE** side.



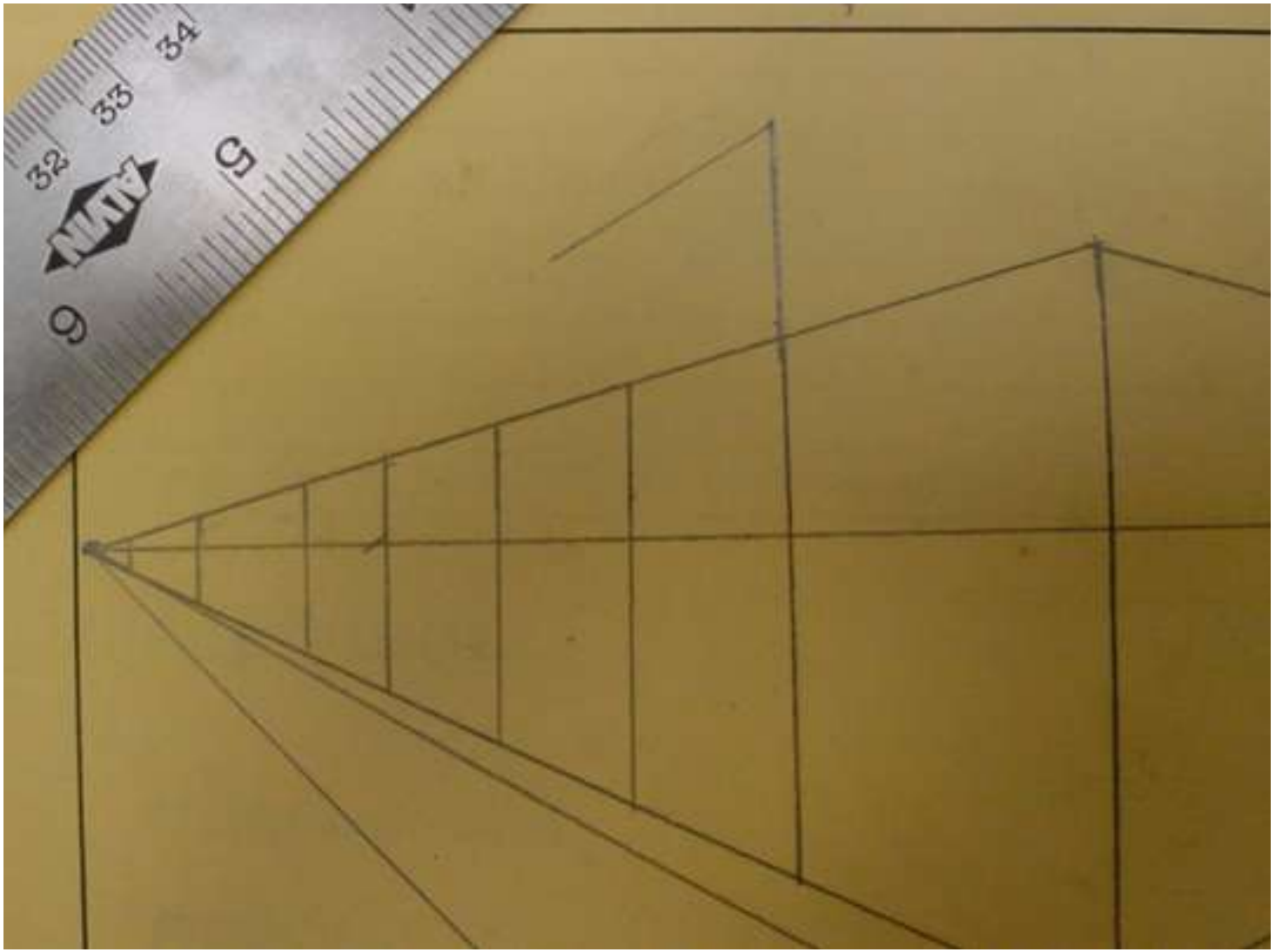
CORNER Step 11a – To RAISE a building, start by extending a vertical line that make the back edge of a building.



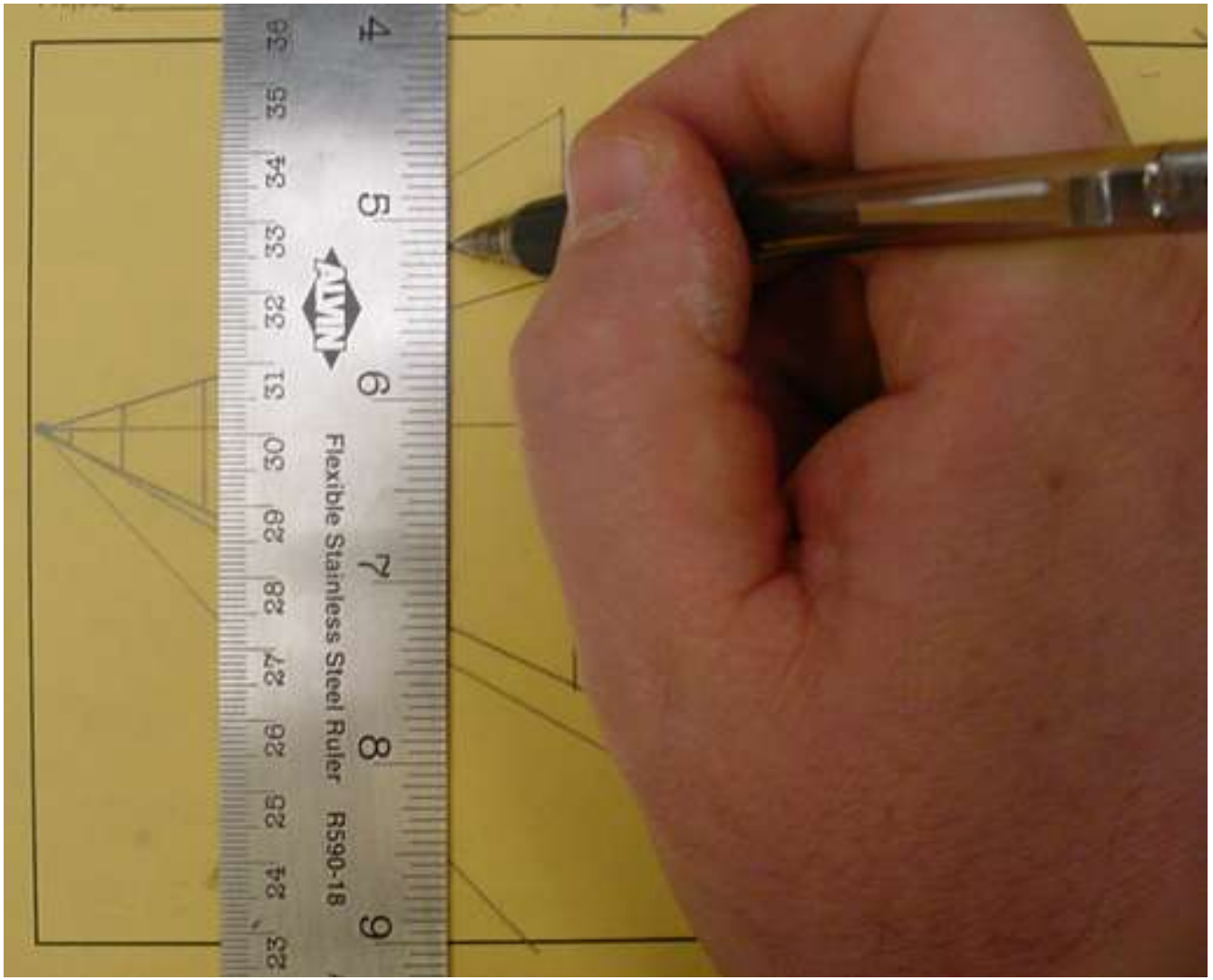
CORNER Step 11b – Draw a converging line from the top of that vertical line to the vanishing point.



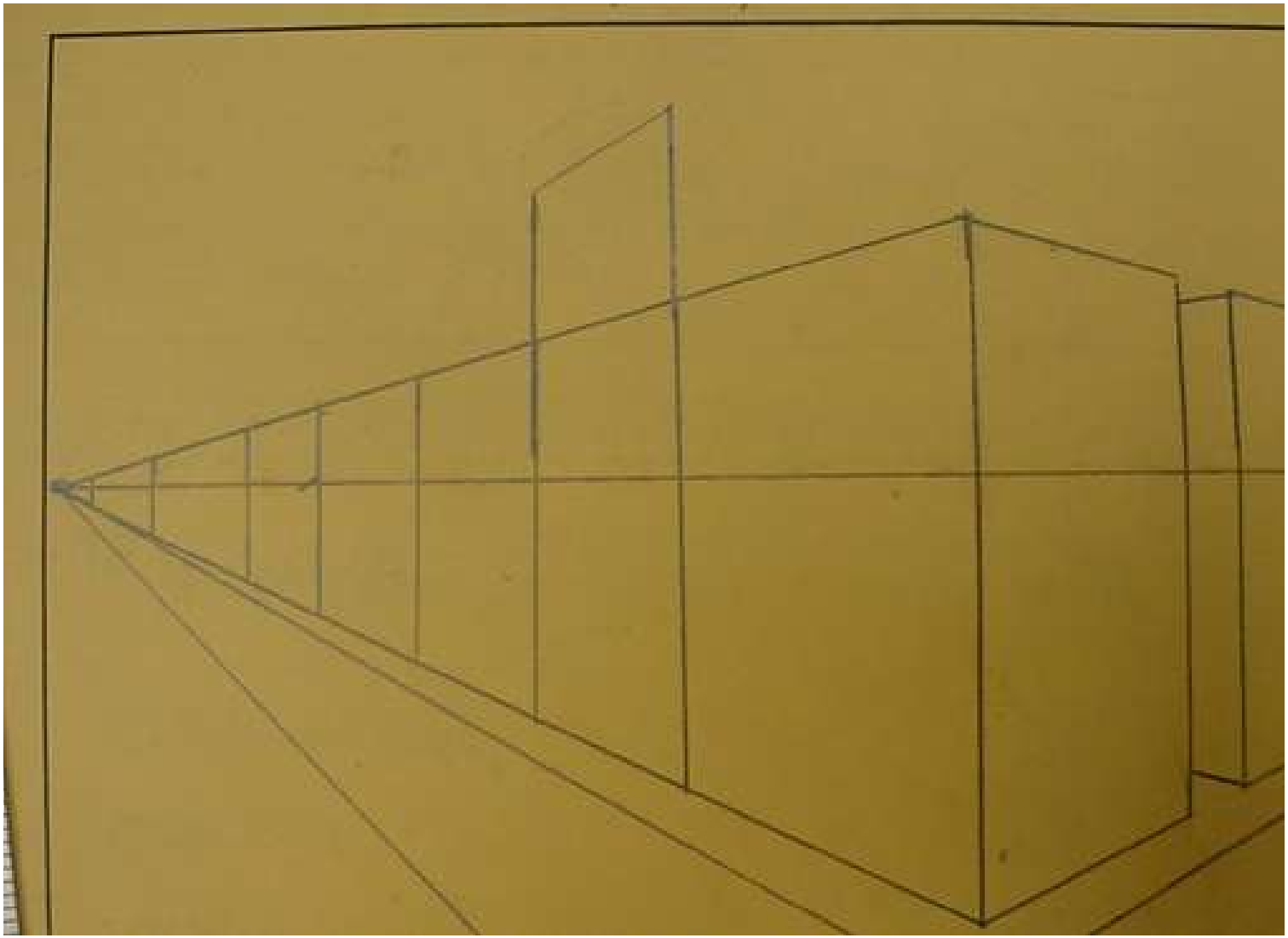
CORNER Step 11c – The converging line does NOT need to go all the way to the vanishing point.



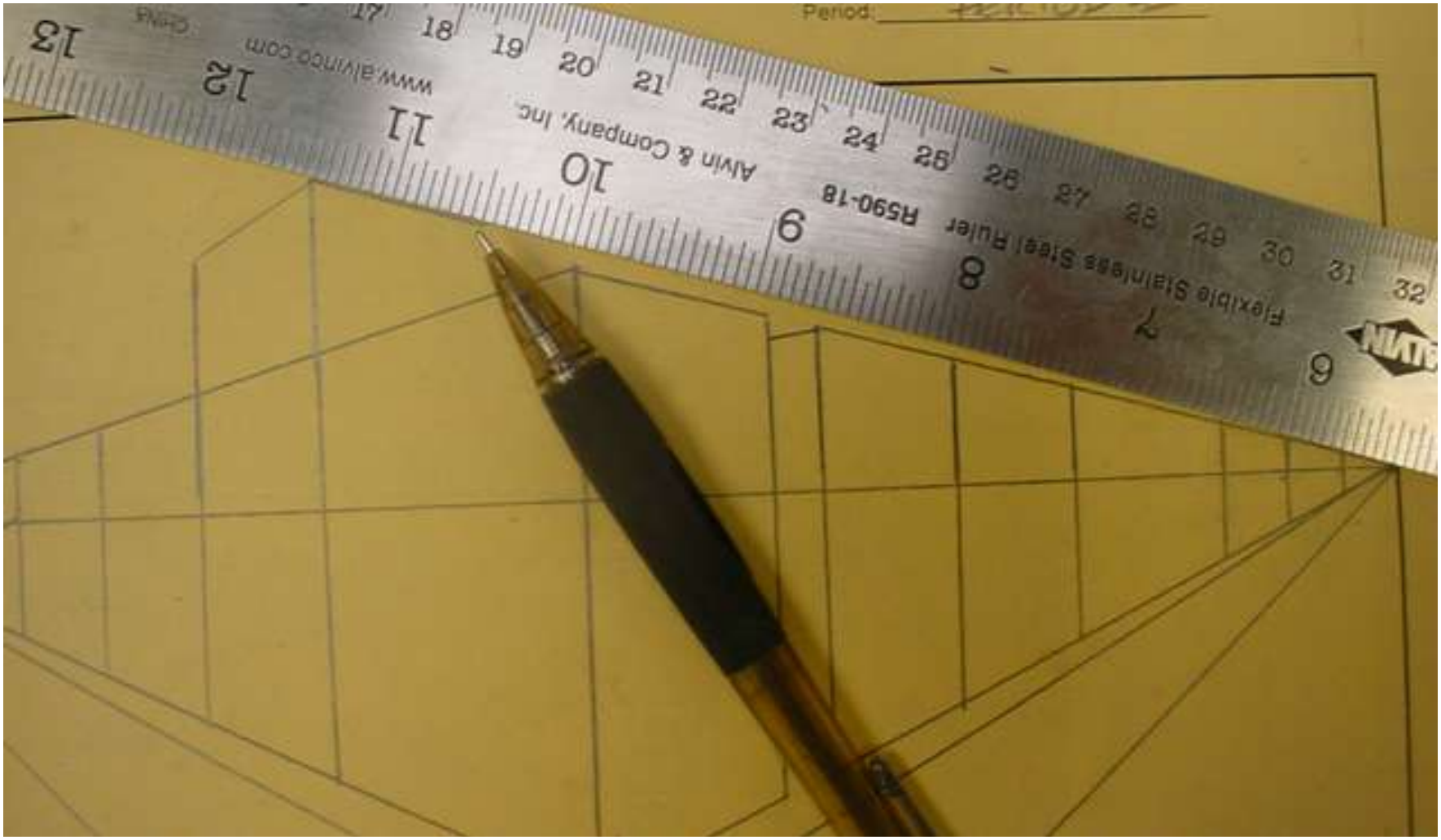
CORNER Step 11d – Extend the vertical line that is the back edge of the building.



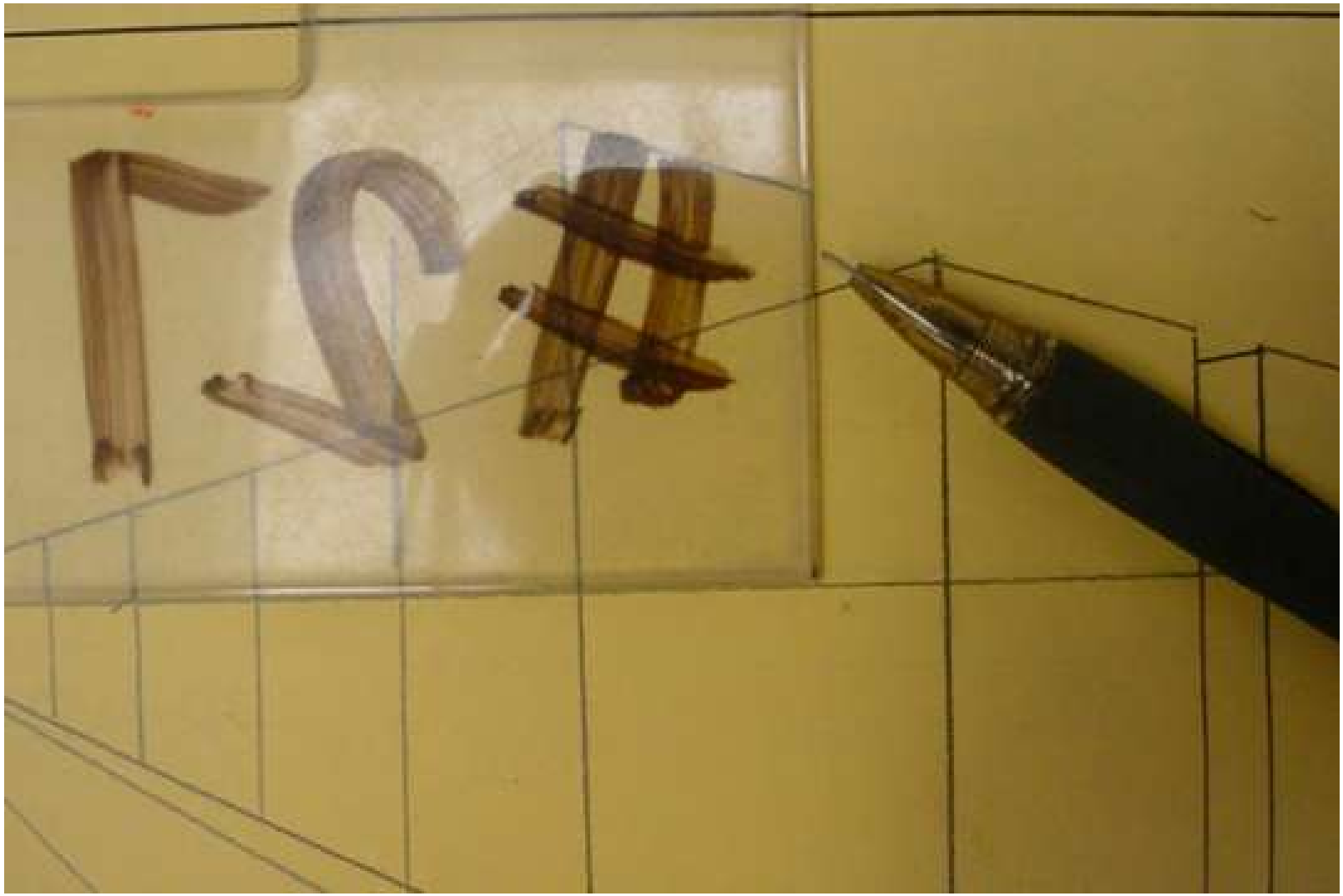
CORNER Step 11e – Extend the vertical line that is the back edge of the building.



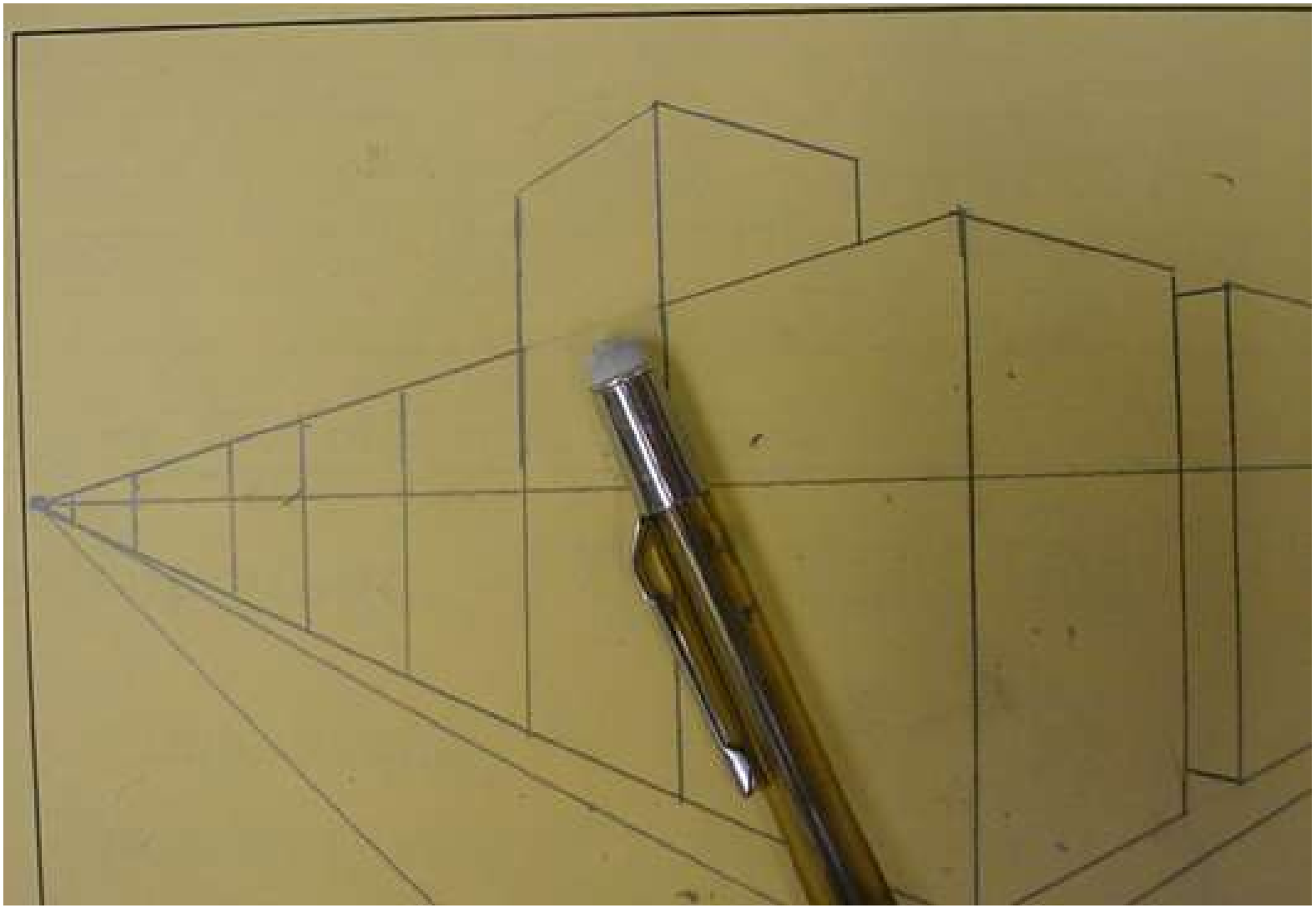
CORNER Step 11f – Draw a converging line from the front edge corner to the vanishing point on the **OPPOSITE** side.



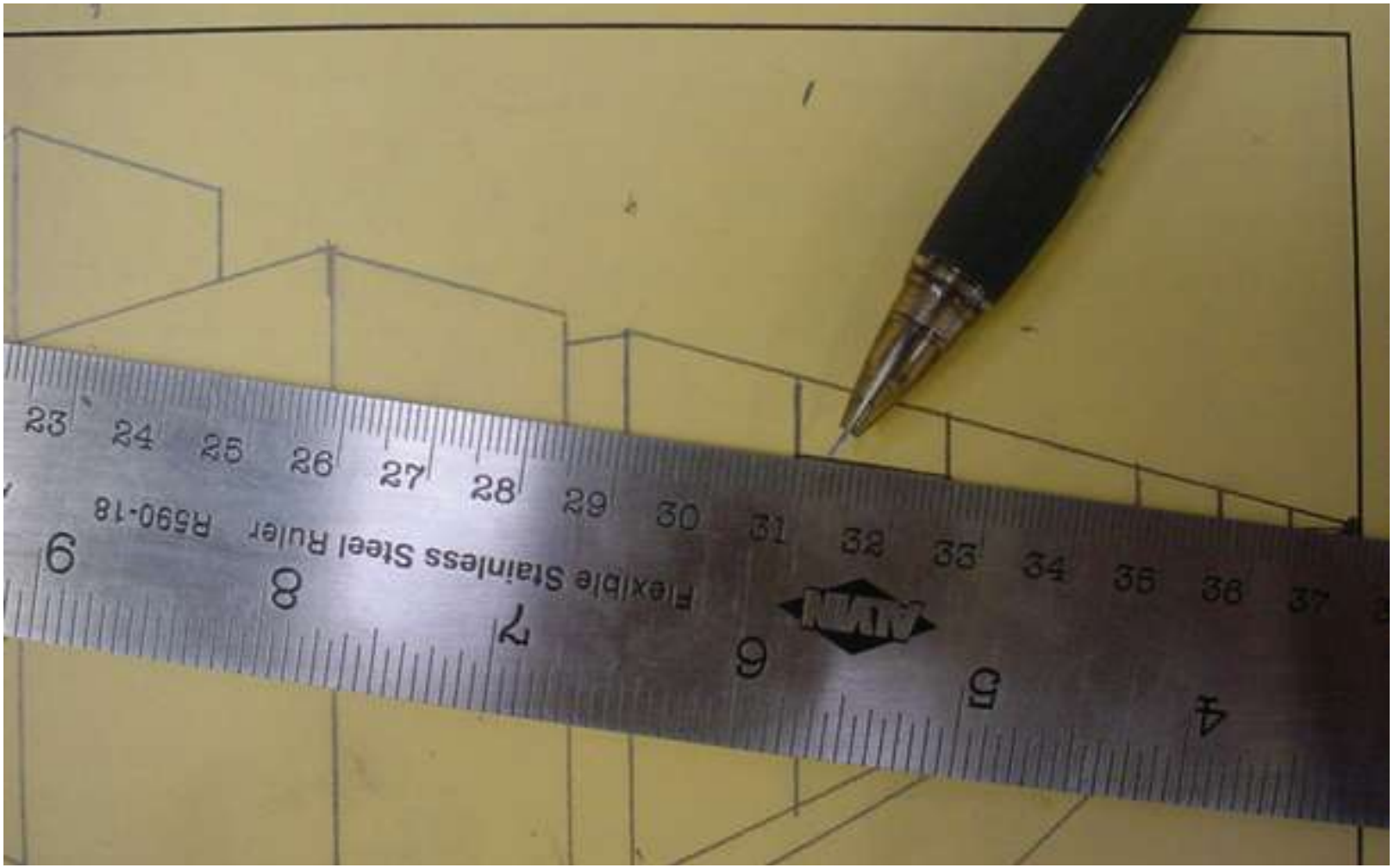
CORNER Step 11g– Draw a vertical line to end the buildings side at the back edge.



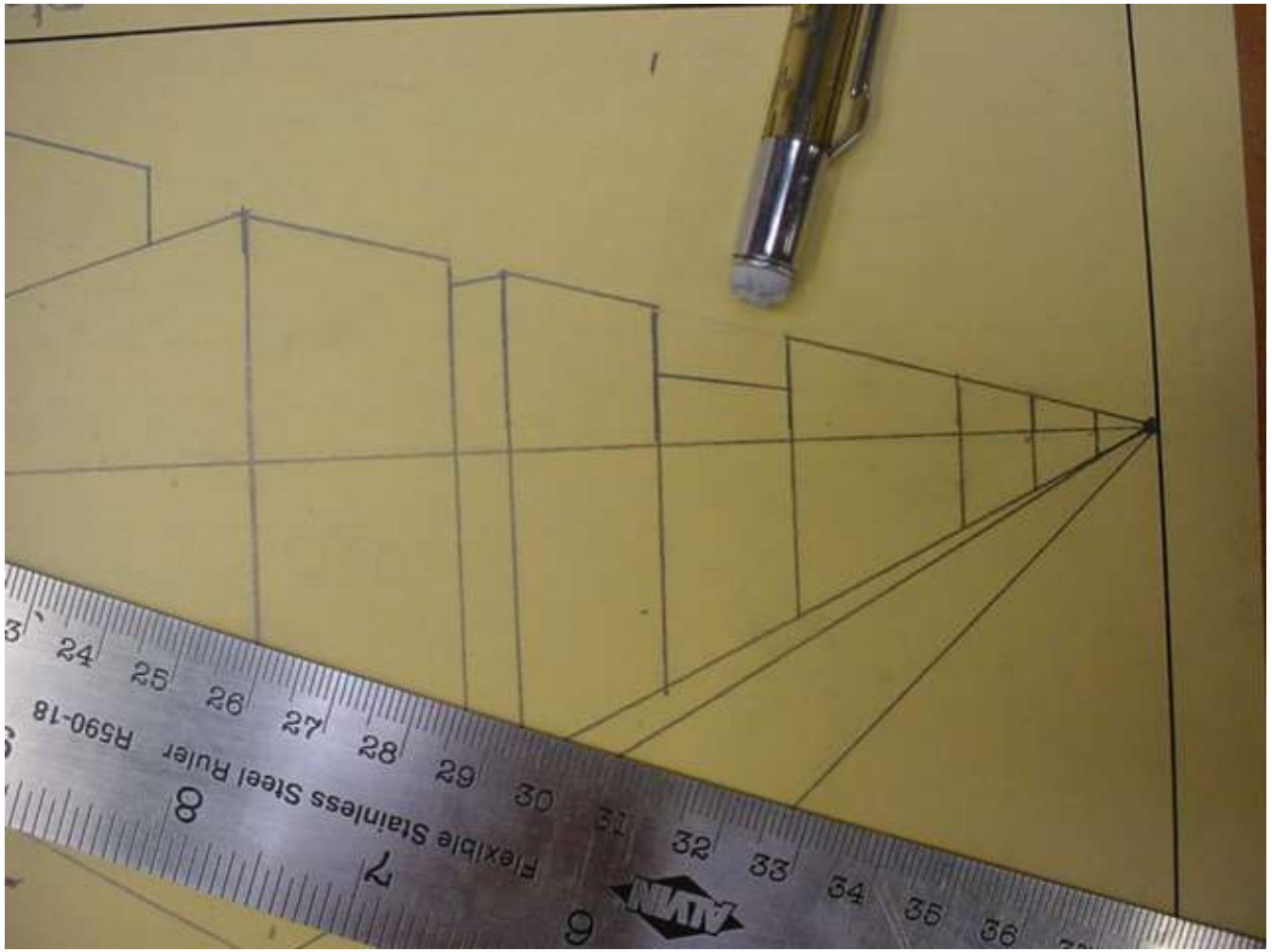
CORNER Step 11h– Erase the original converging line that was the old top of the building.



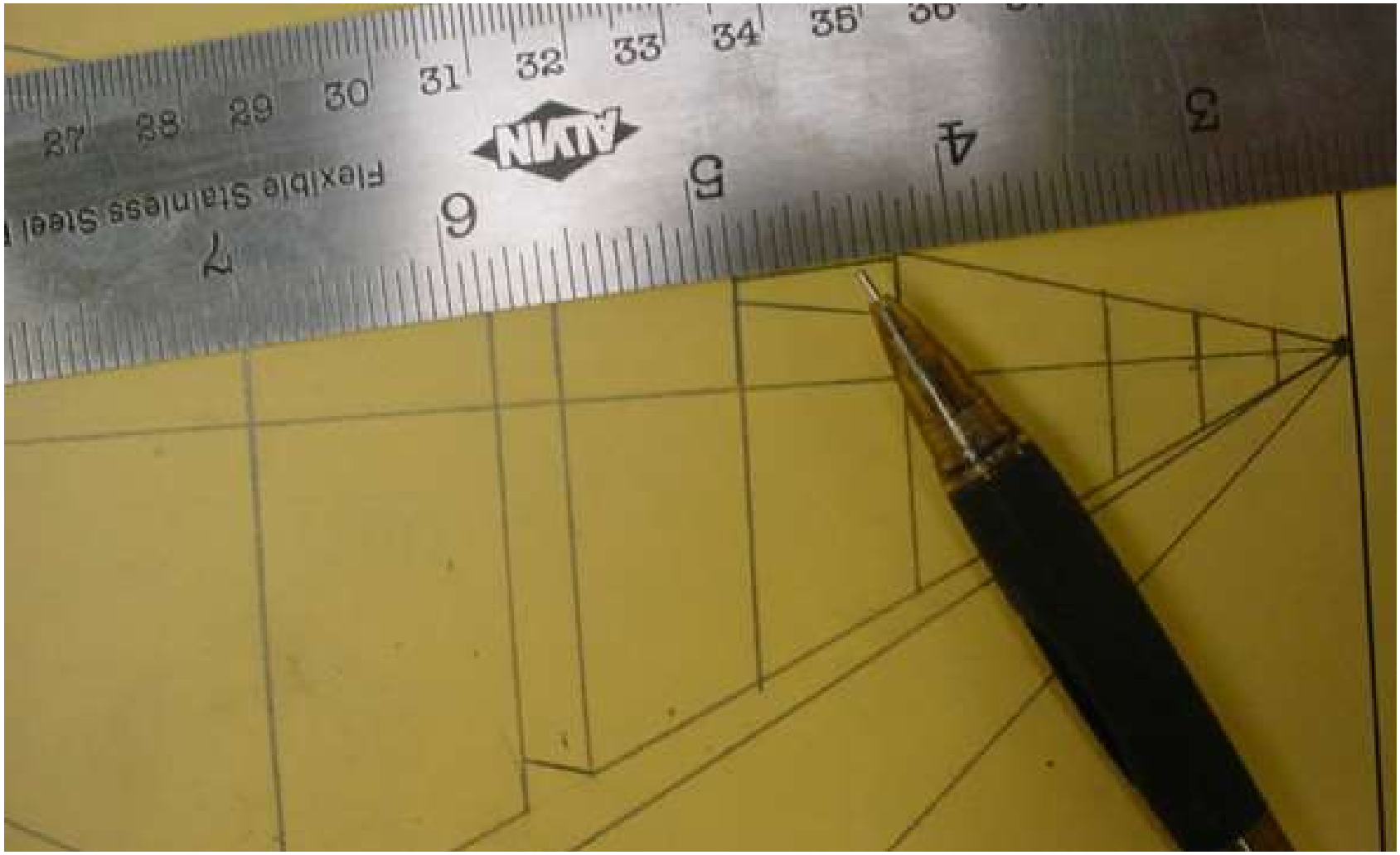
CORNER Step 12a – To LOWER a building, start by drawing a converging line below the old top of the building.



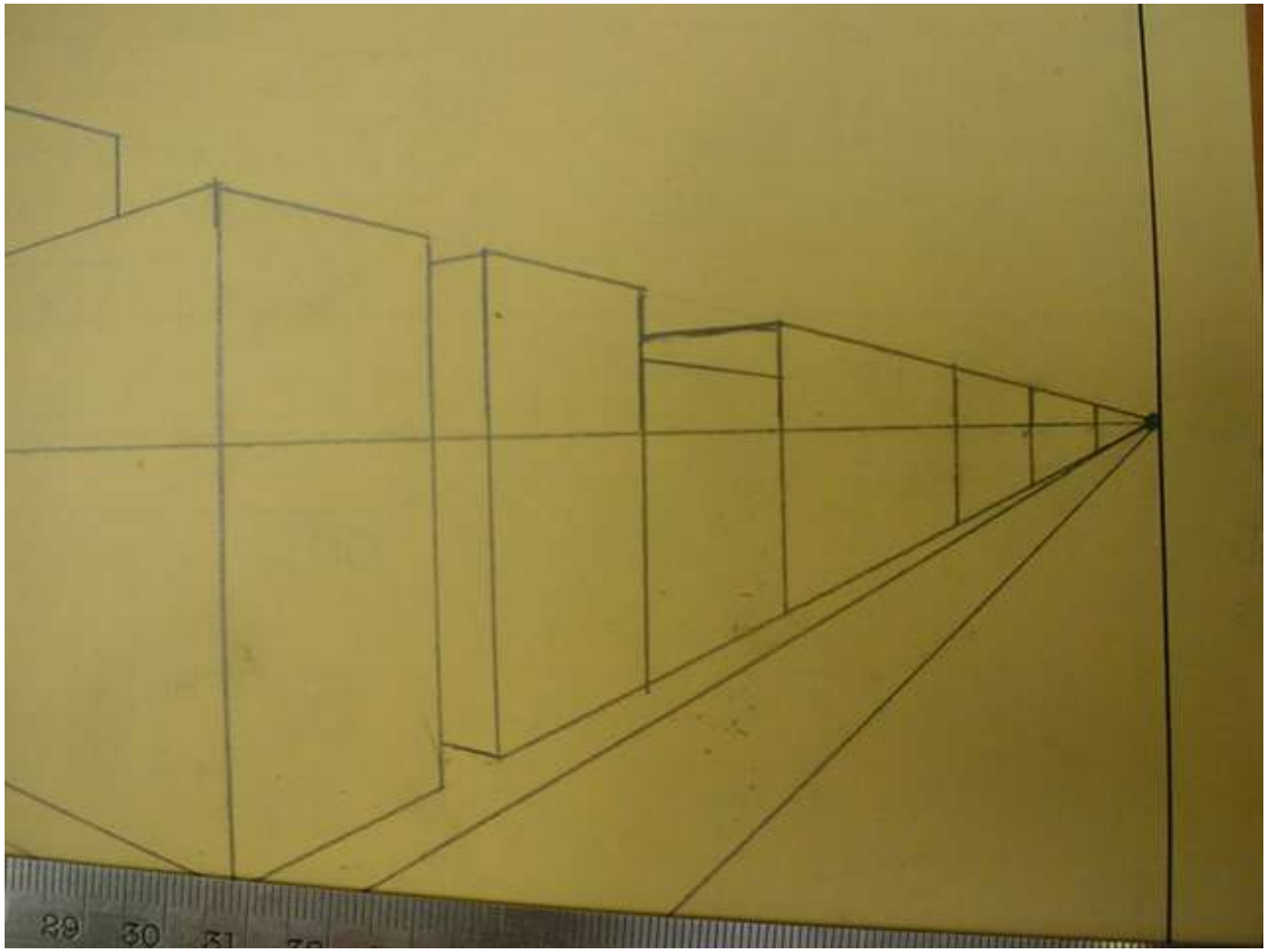
CORNER Step 12b – Erase the converging line that made the old top of the building.



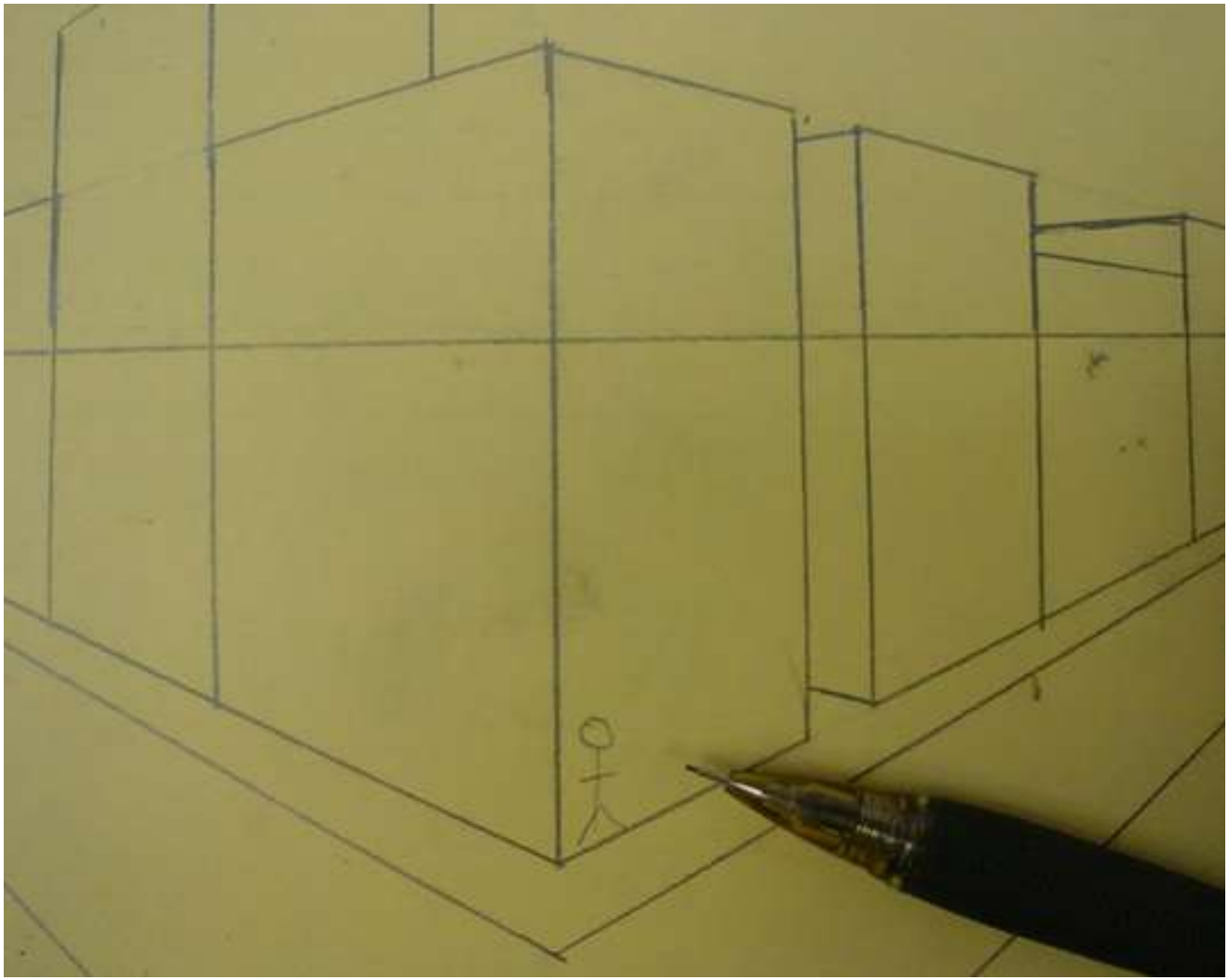
CORNER Step 12c – Draw a converging line from the front edge corner of the next building to the vanishing point on the **OPPOSITE** side.



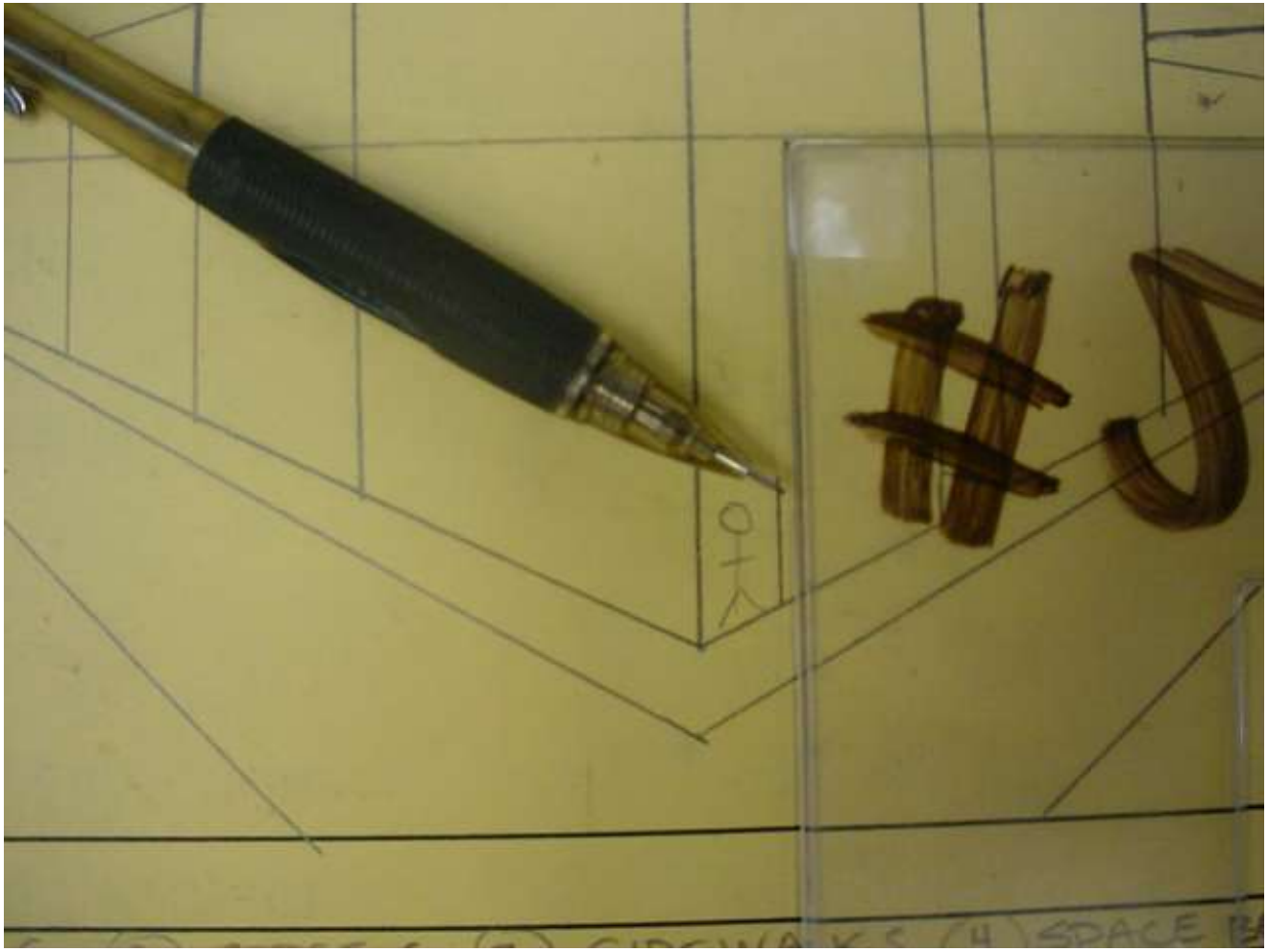
CORNER Step 12d – You should have a building with a front and a side.



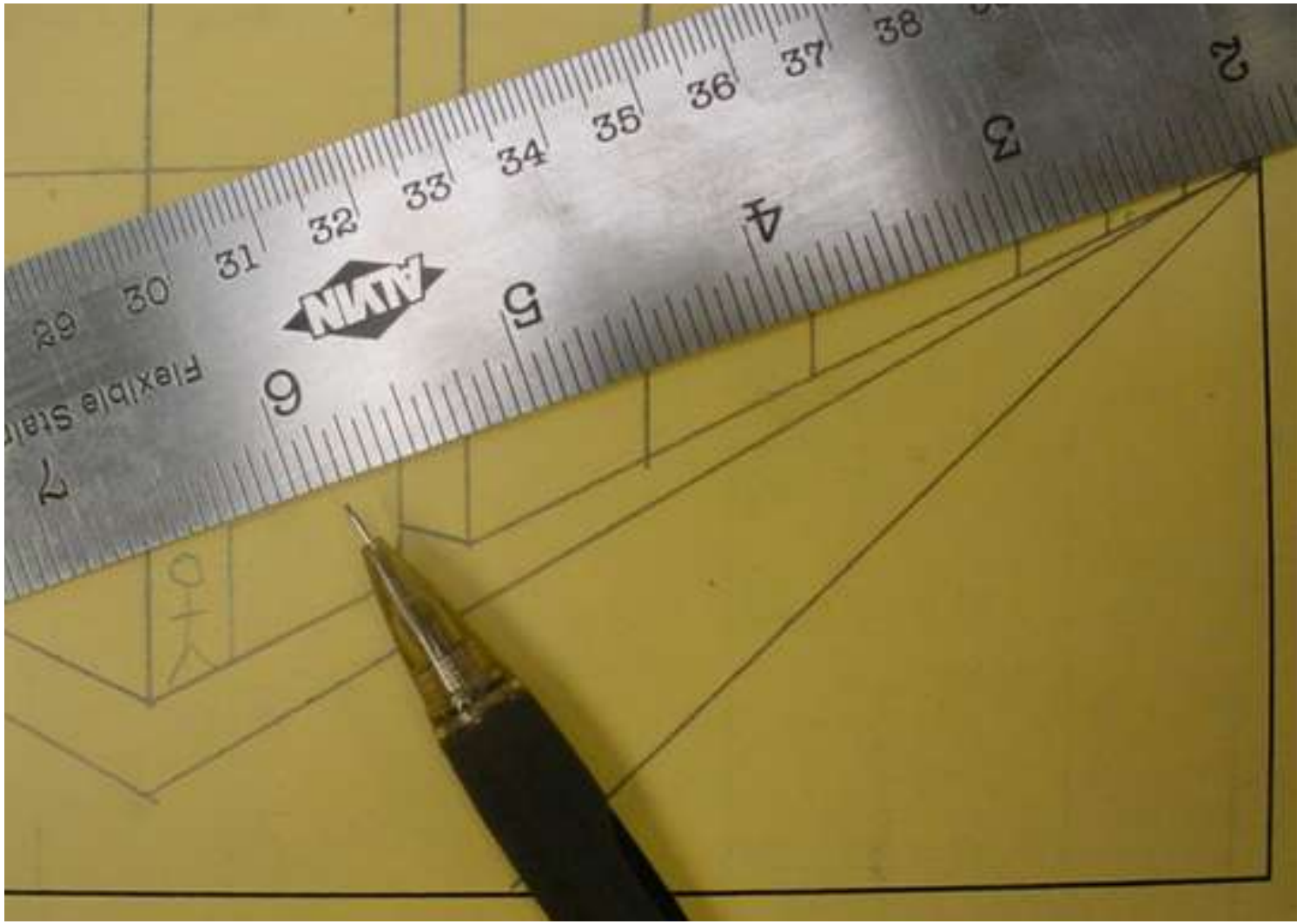
CORNER Step 13a – To add DOORS, you first need to judge the proportion of the size of your corner building. Do this by drawing a small stick figure on the side of the building.



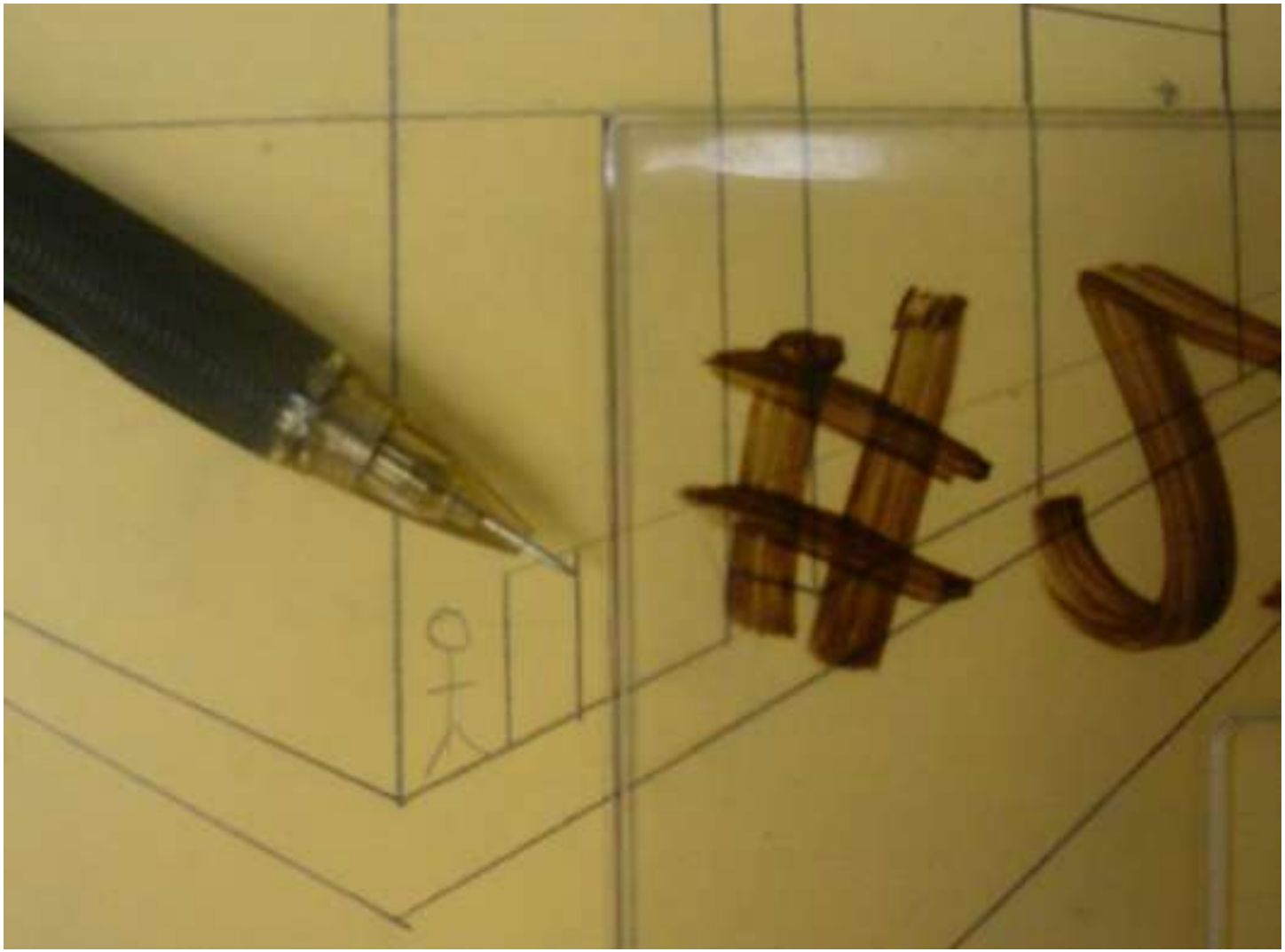
CORNER Step 13b – Draw a vertical about the height of your stick figure for the height of a standard door.



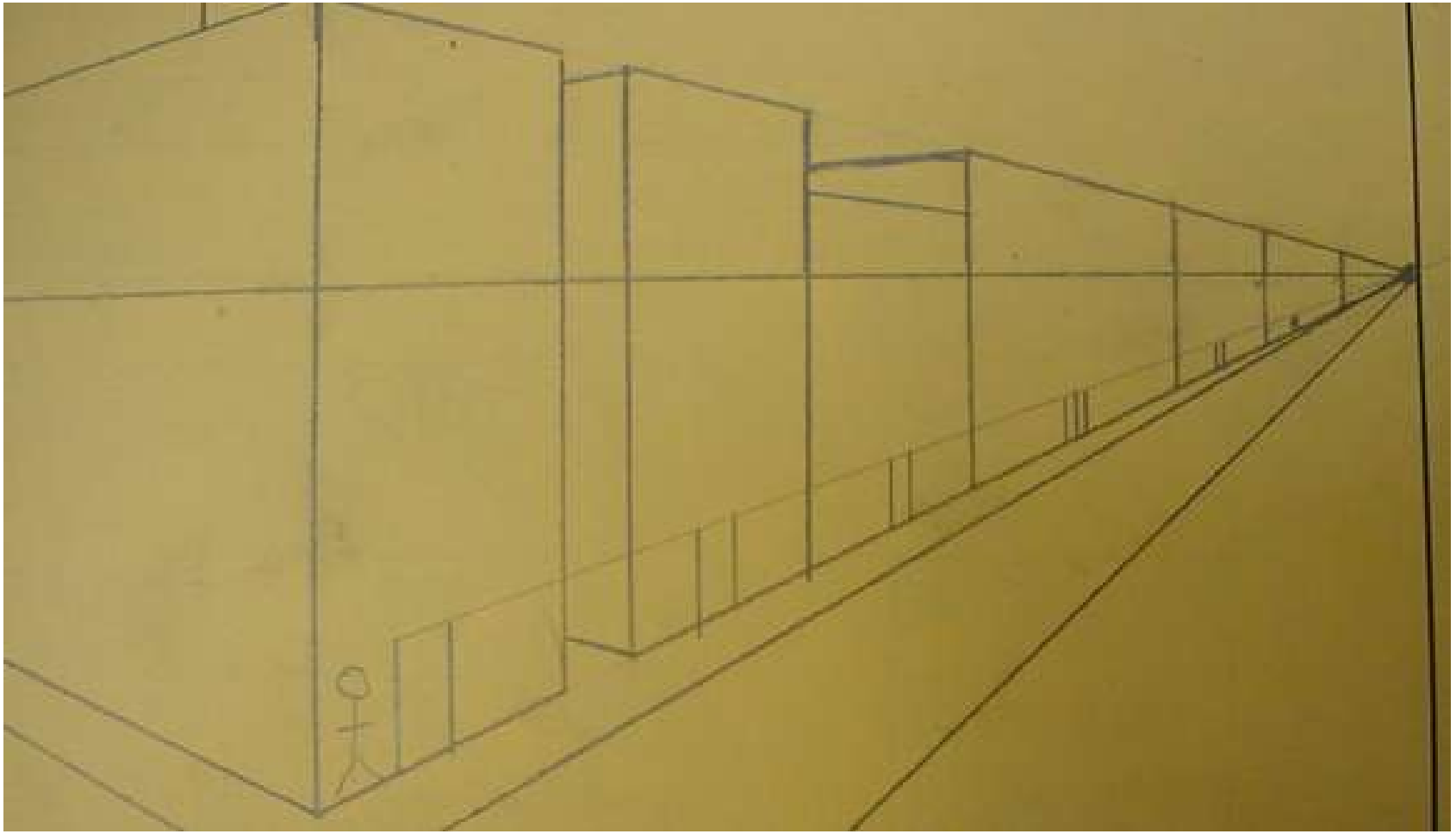
CORNER Step 13c – Draw a converging line from the vertical line all the way to the vanishing point. This line will be the top for all standard doors on this side of the street.



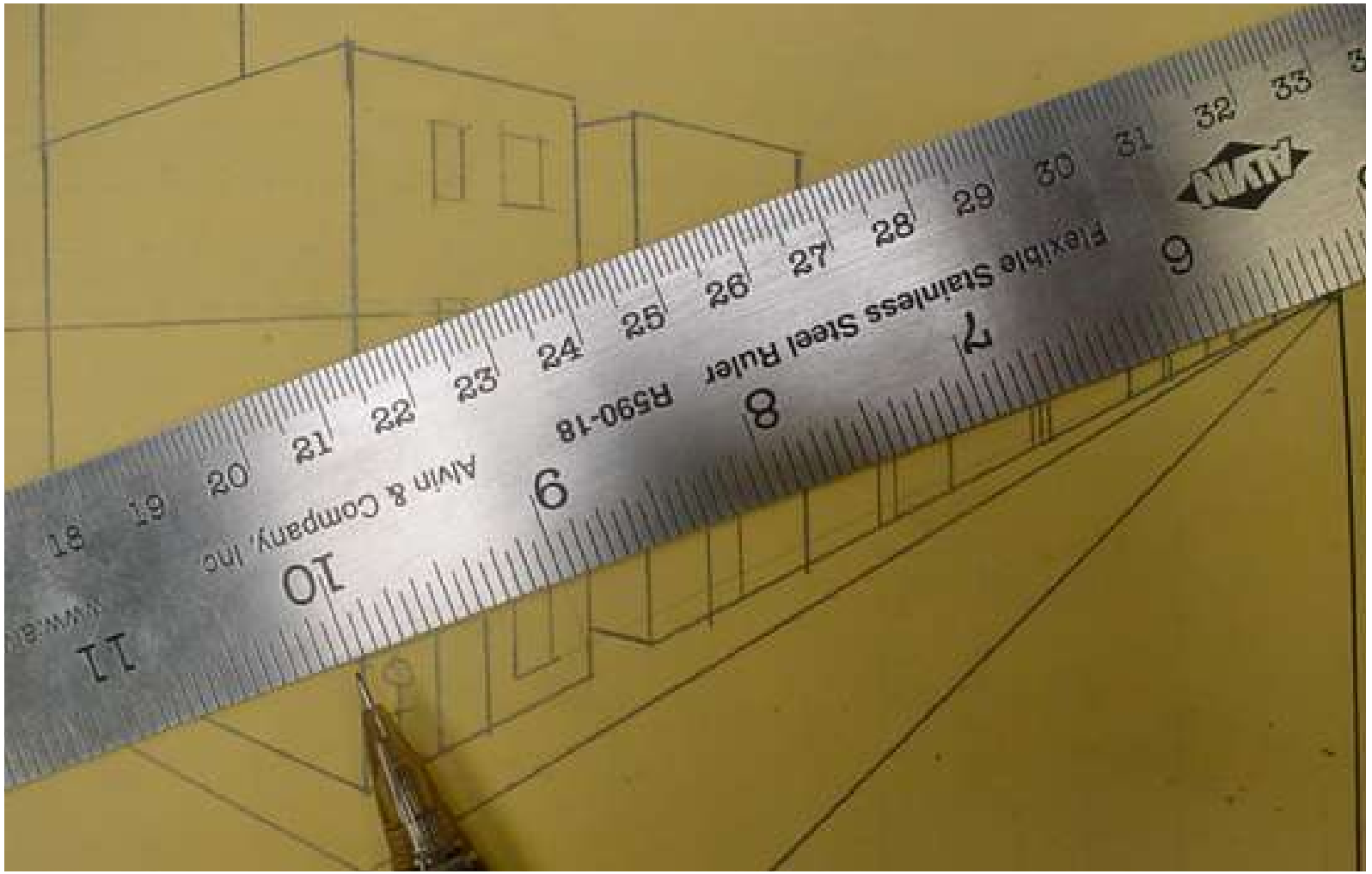
CORNER Step 13d – Draw a second vertical line for the other side of the door.



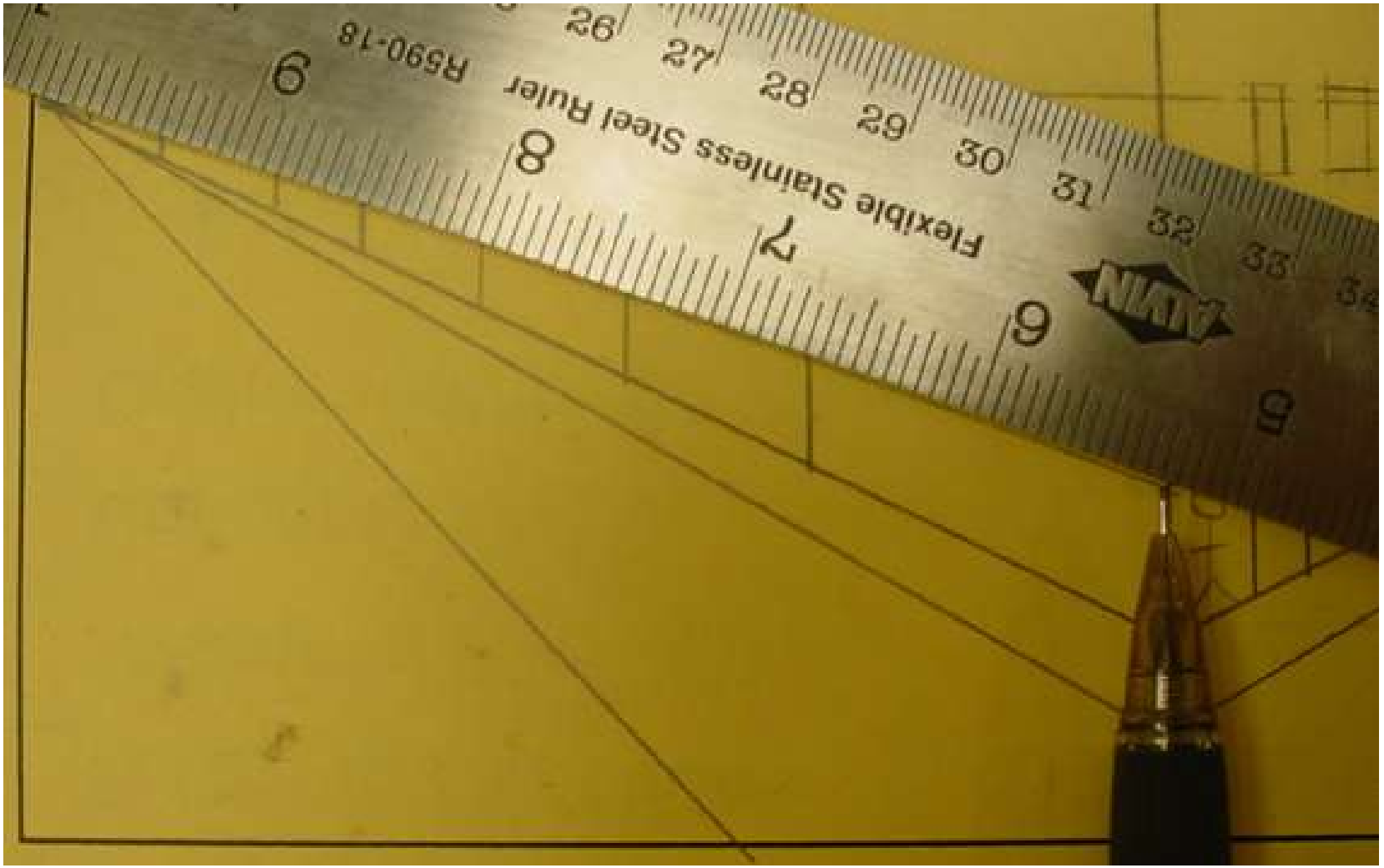
CORNER Step 13e – Draw vertical lines for the doors all the way down the street. ***The vertical lines should get closer together as you go further down the street just as they get shorter***



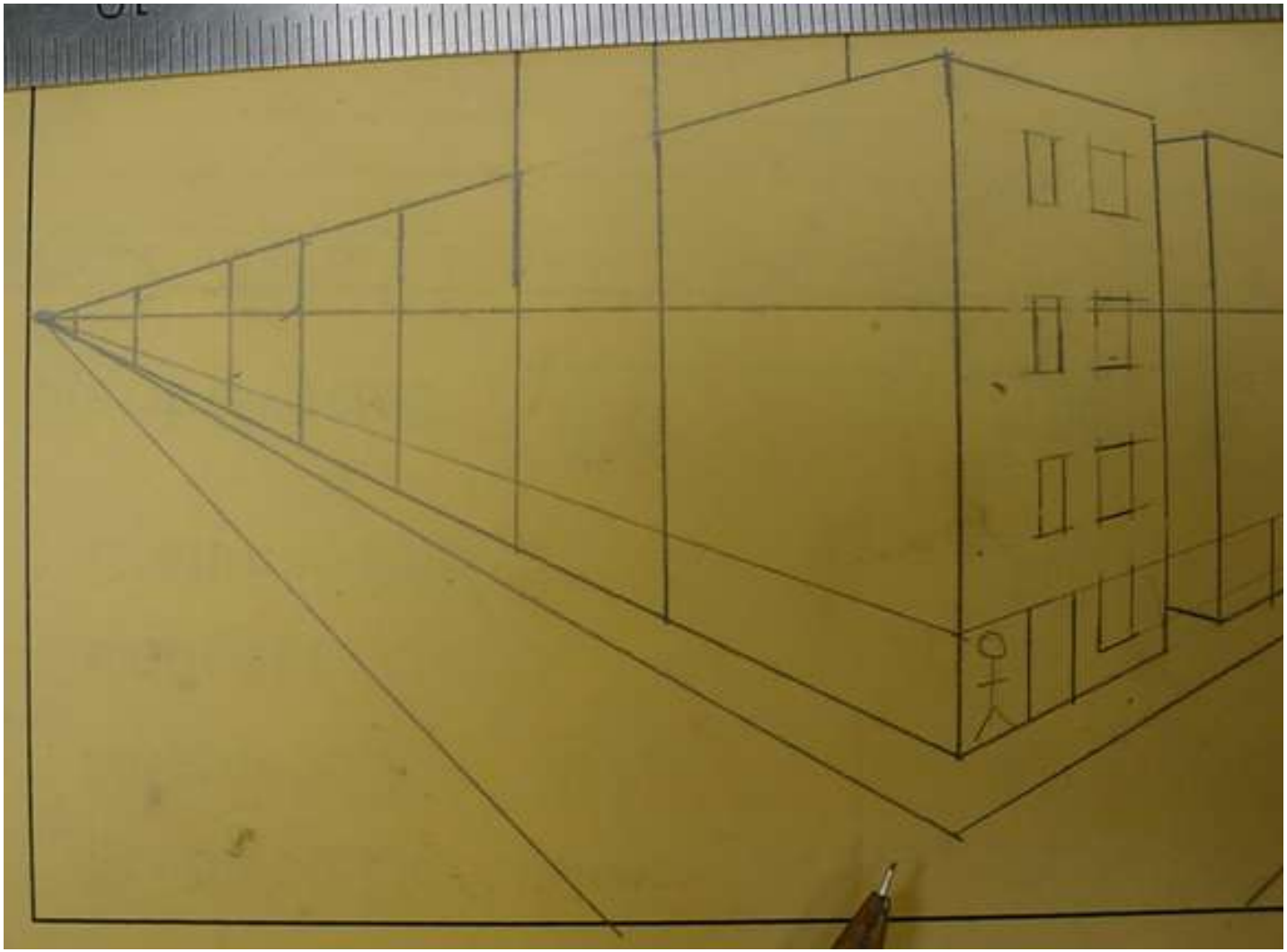
CORNER Step 13f – Extend the converging line for the top of the doors on one side to the corner vertical line.



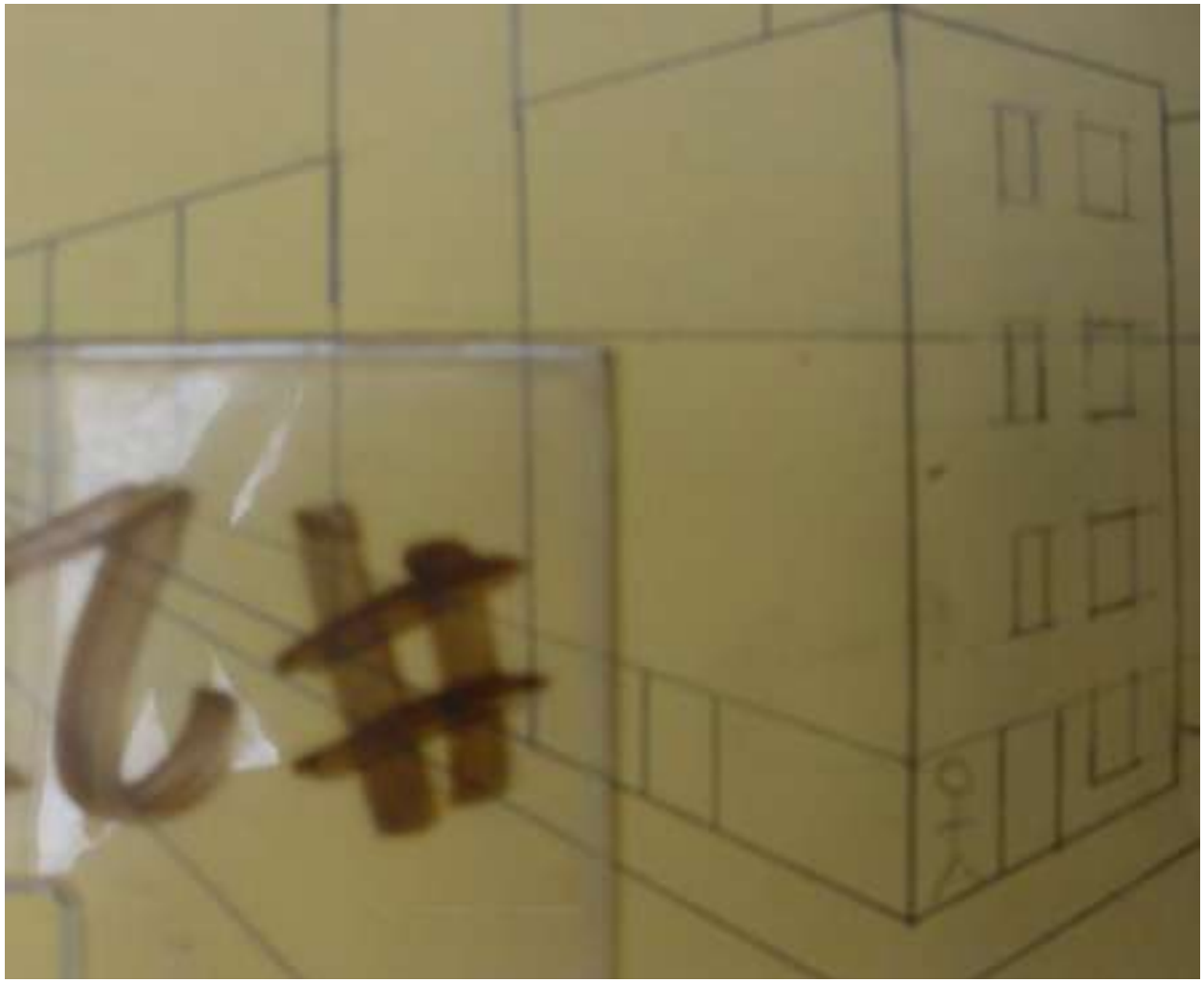
CORNER Step 13g – Draw a converging line for the top of the doors on the other side to the vanishing point.



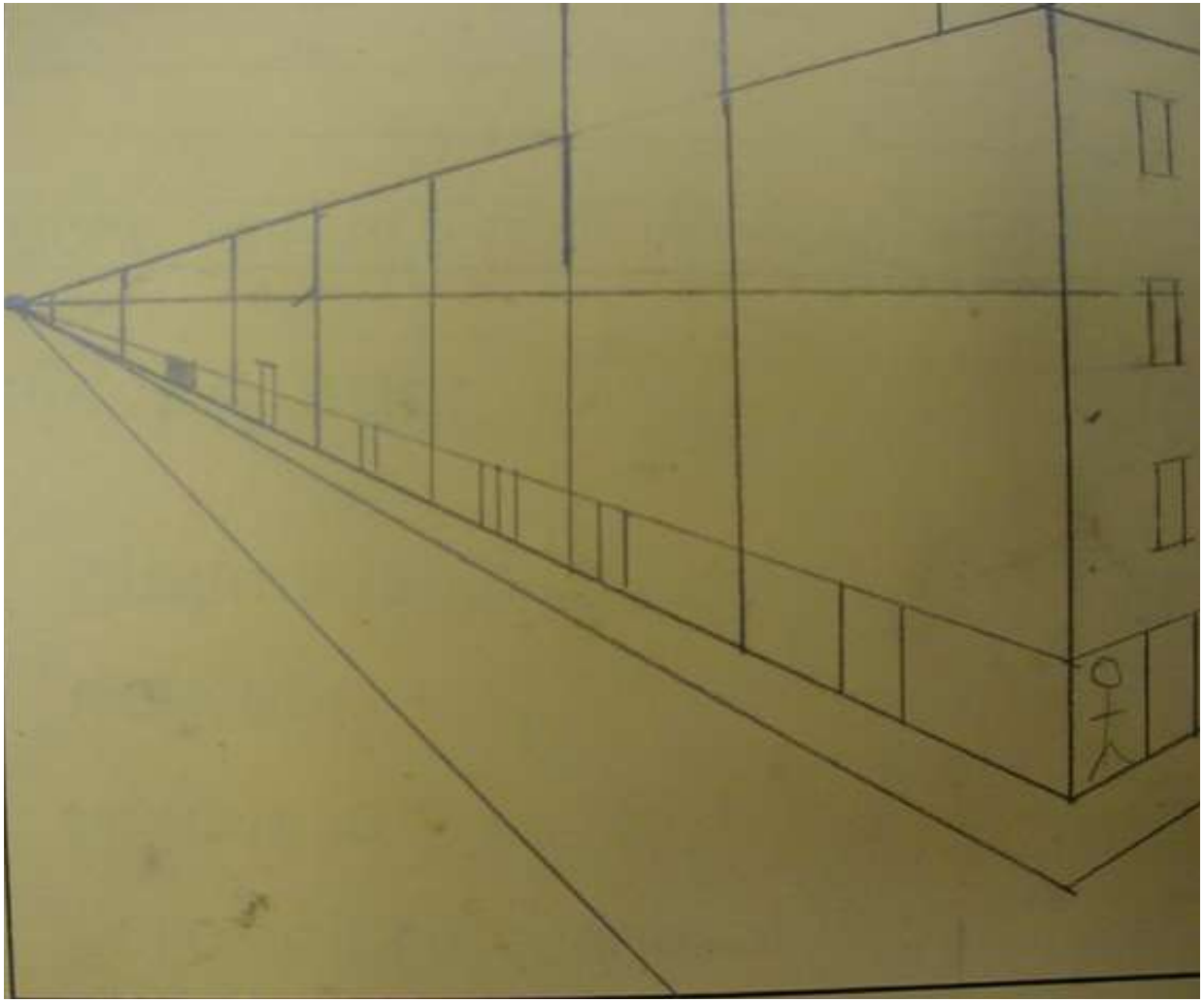
CORNER Step 13h – The converging line can be used for the tops of all standard doors on this side.



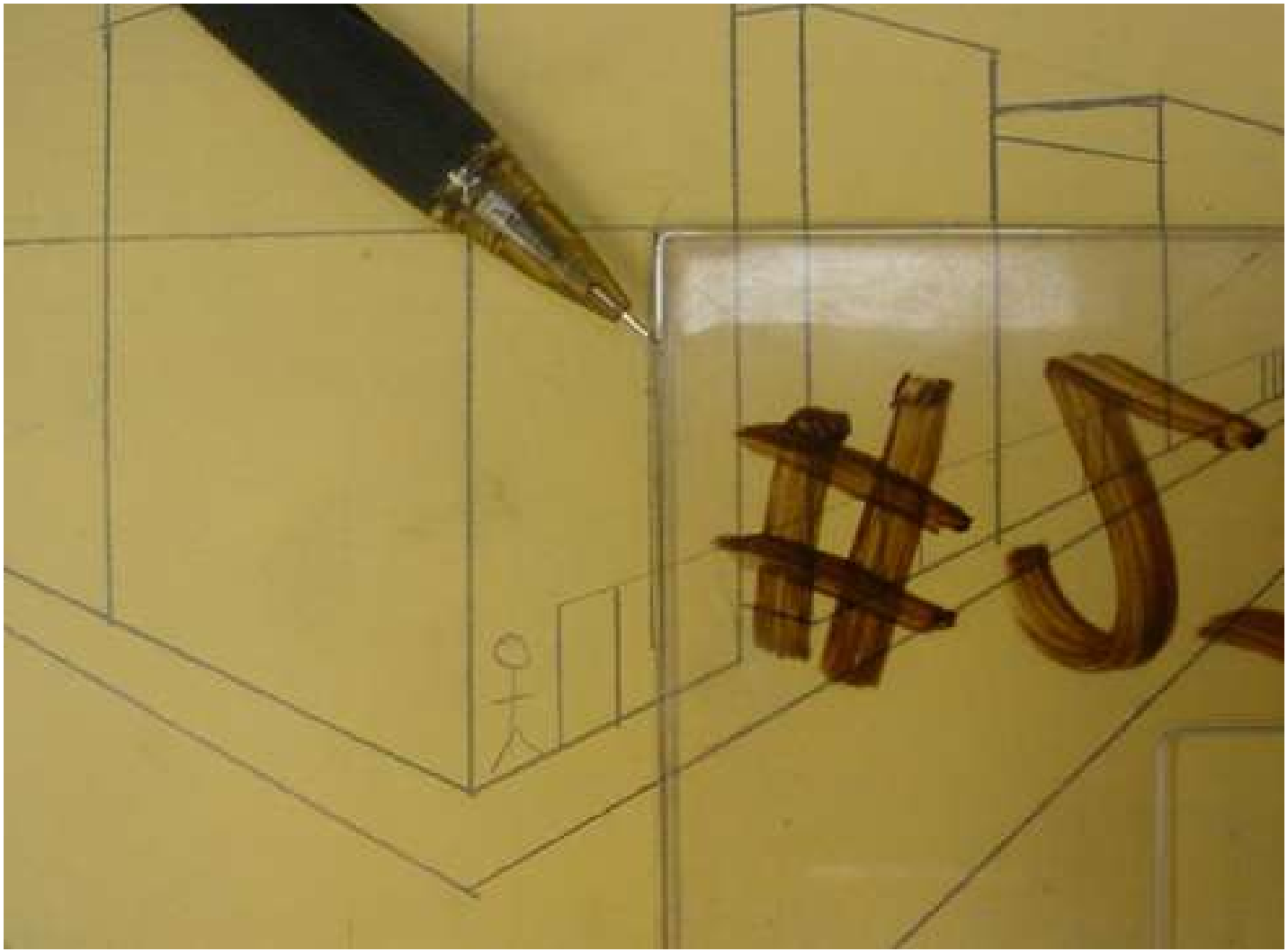
CORNER Step 13i – Draw the vertical lines to make the sides of the doors for the entire side of the street.



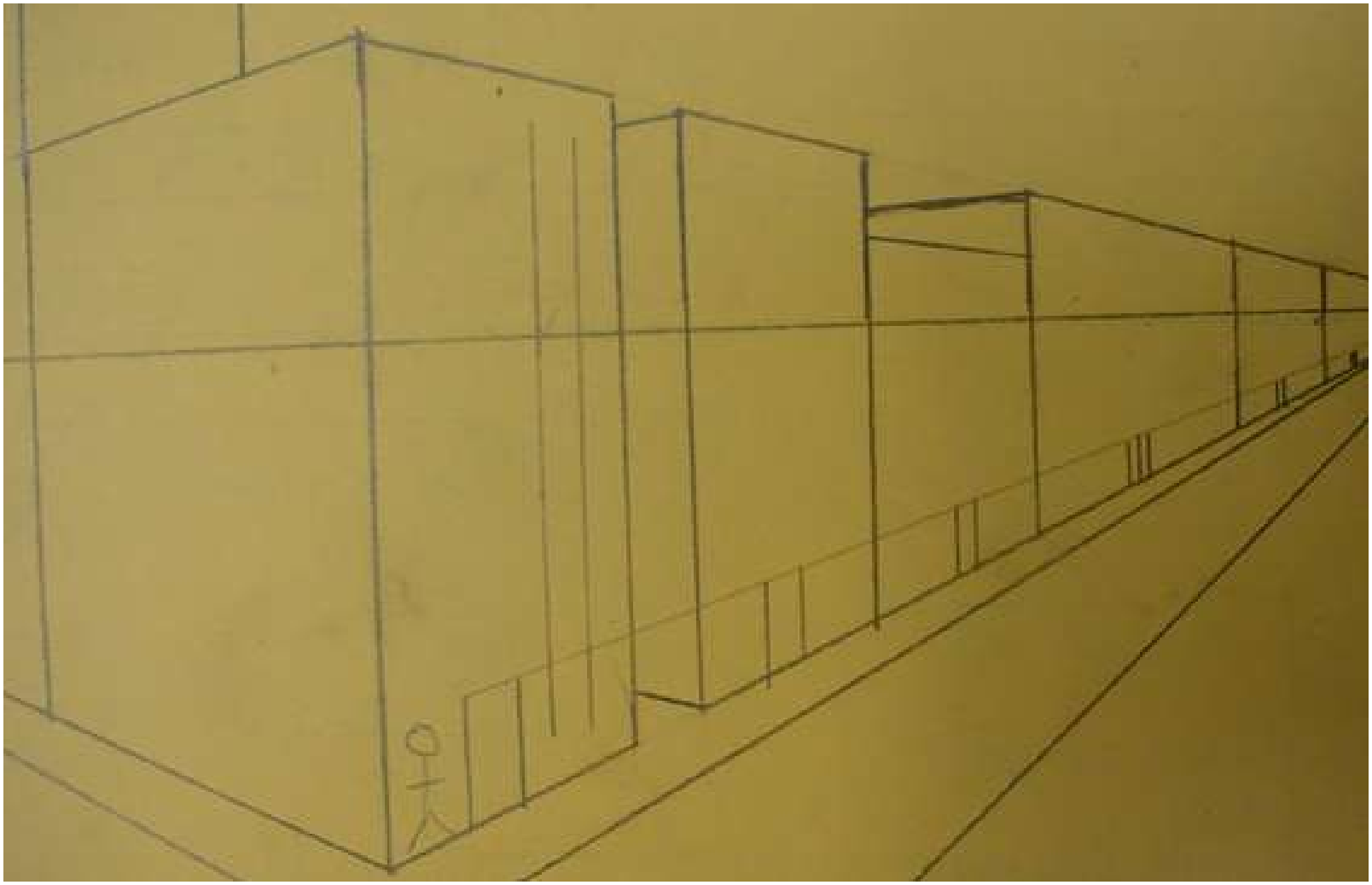
CORNER Step 13j – You can make other types of doors, they do NOT have to be all standard size. Ex: double doors, tall doors, inset doors.



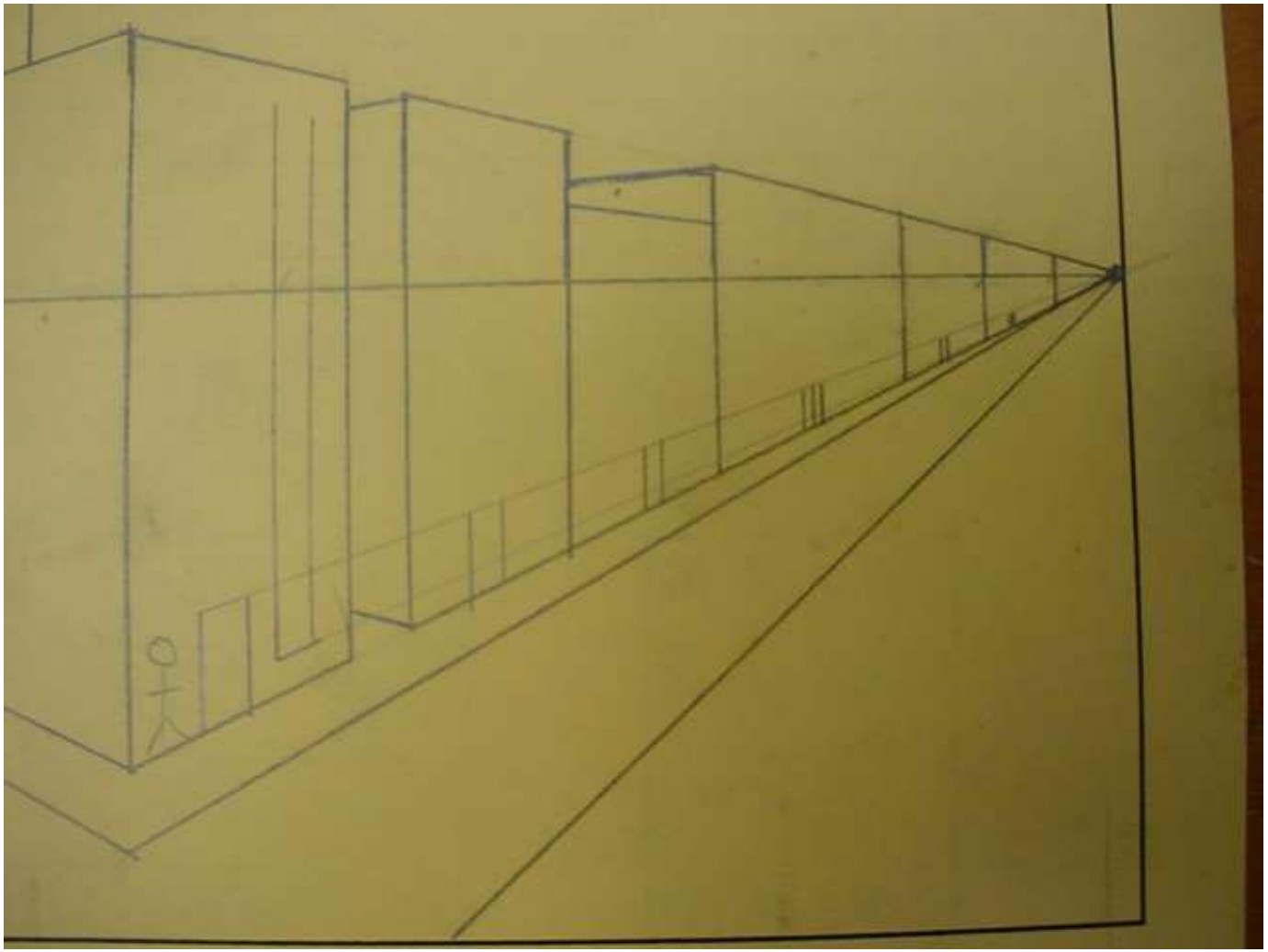
CORNER Step 14a – To create WINDOWS, draw vertical lines up the whole side of the building to make the sides of the windows.



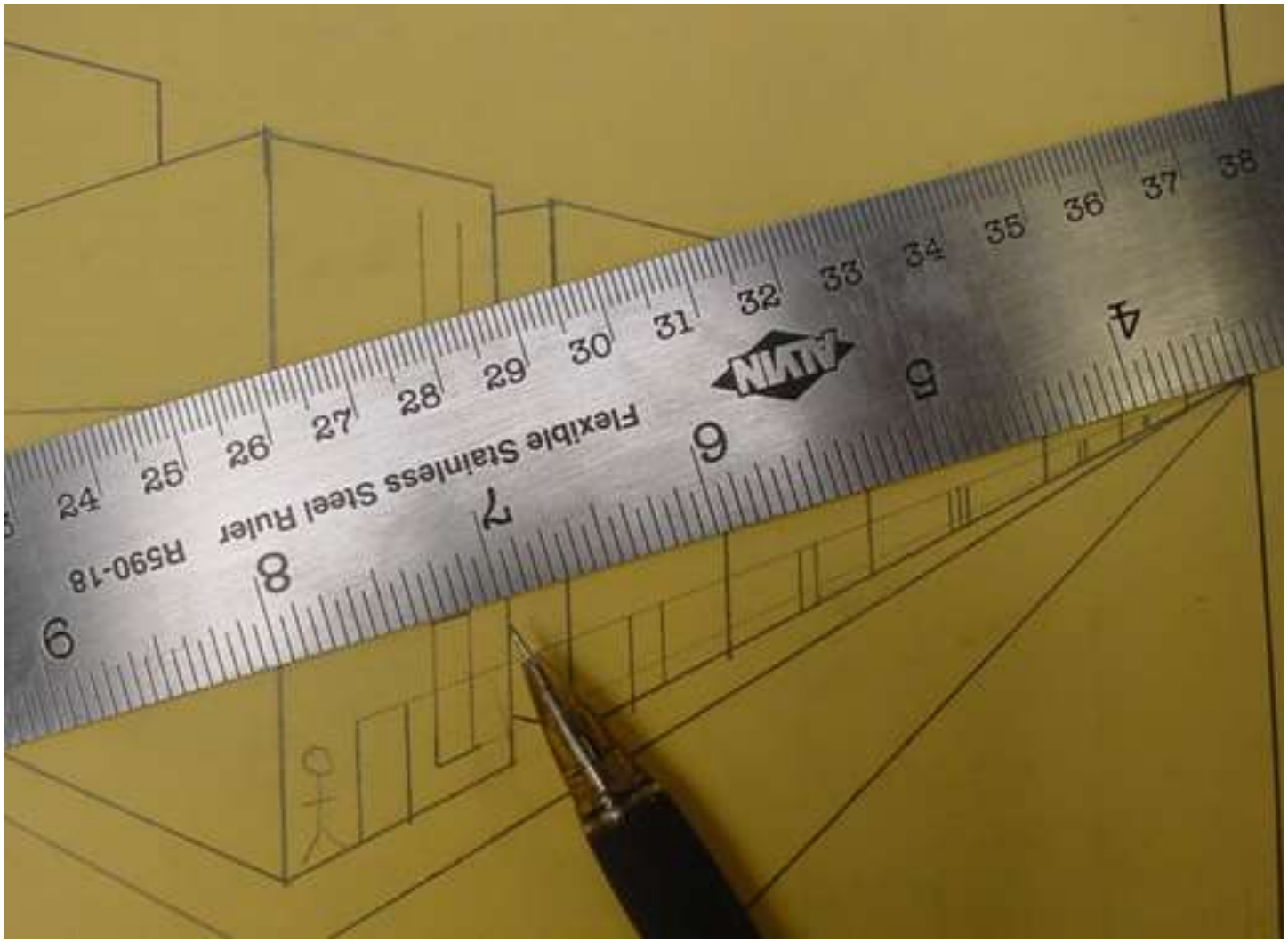
CORNER Step 14c – Draw two vertical lines and use the top of the door for the top of the standard windows on the first floor.



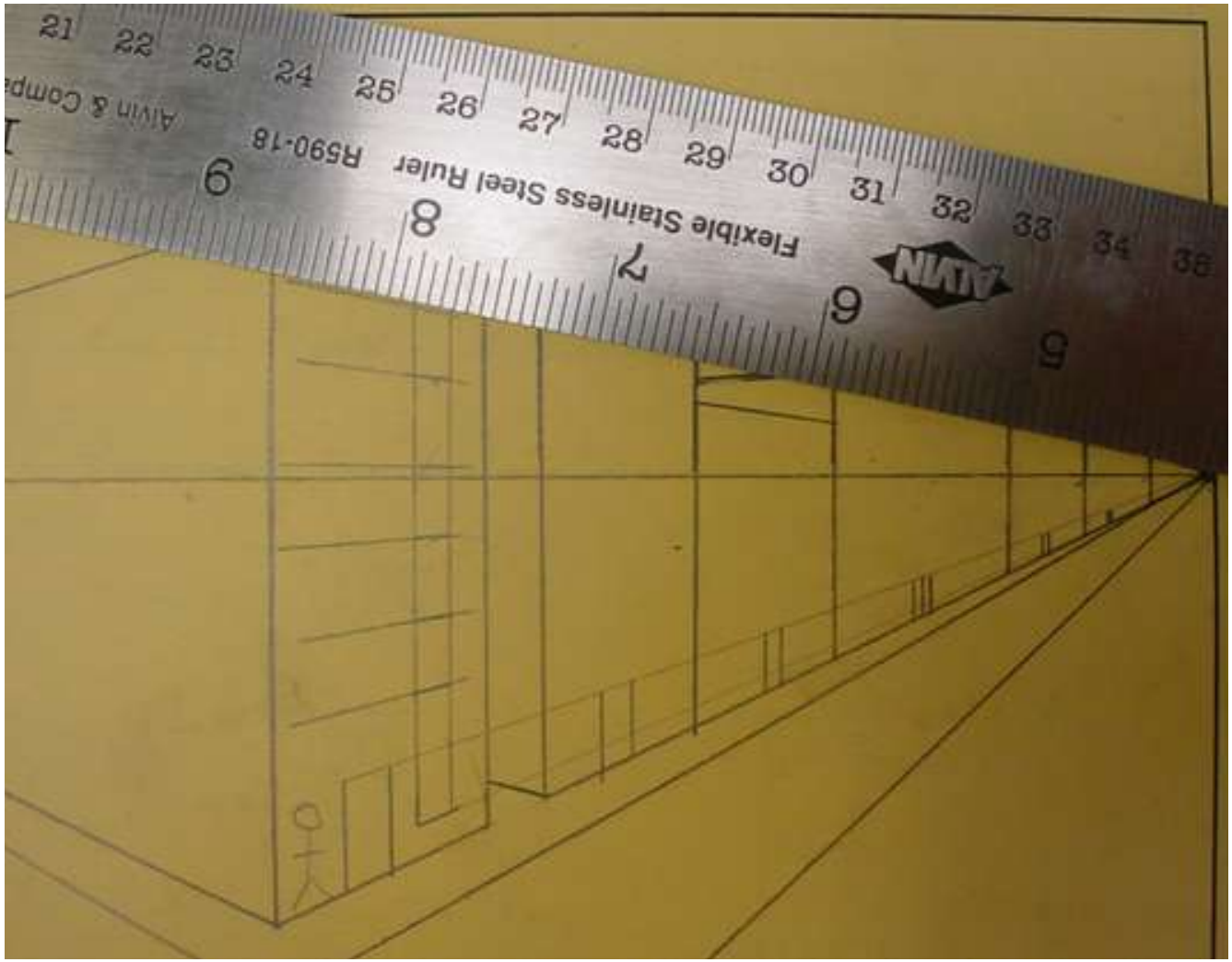
CORNER Step 14d – Draw a converging line to the vanishing point for the bottom of the standard window on the first floor for all the buildings.



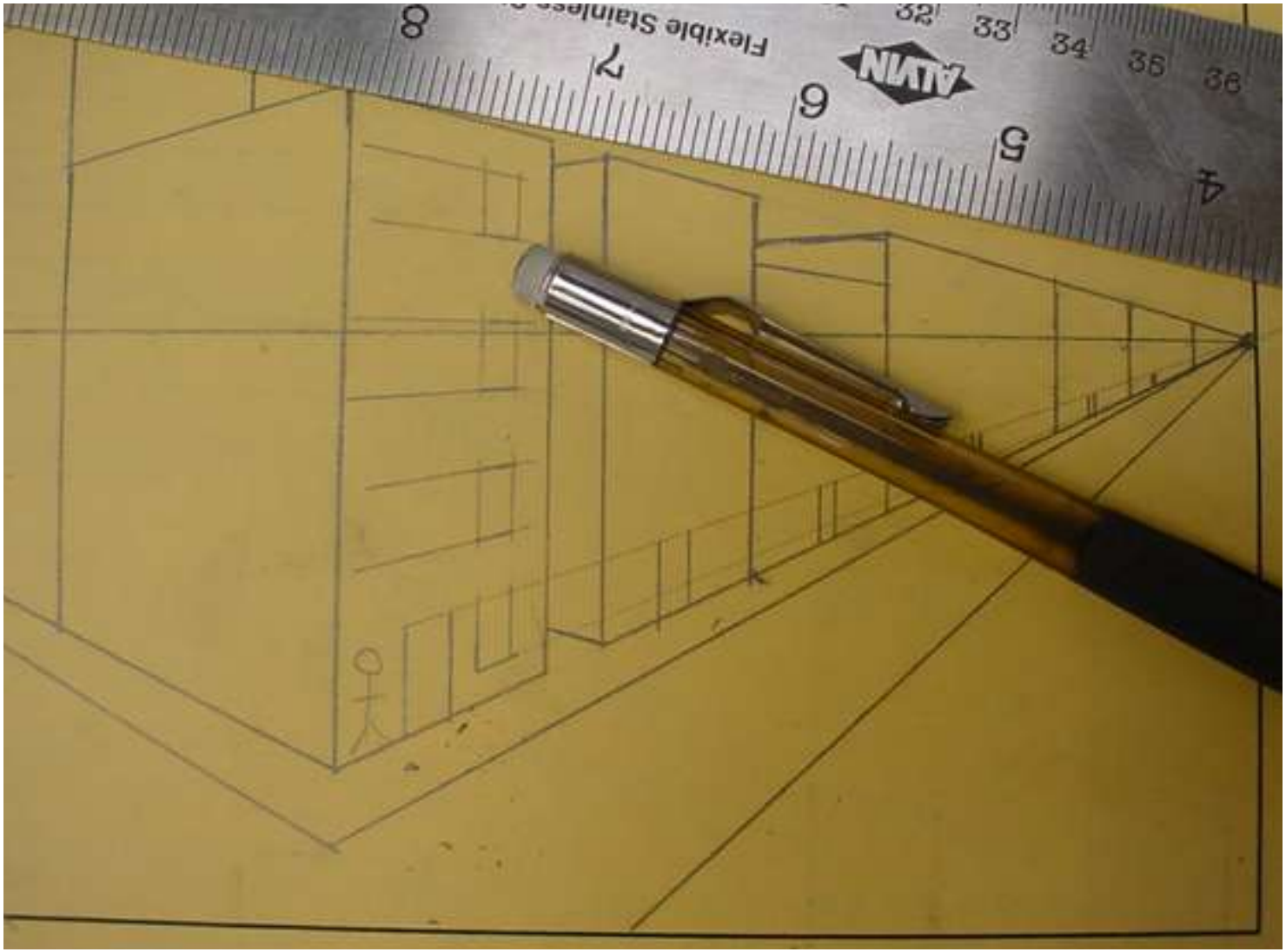
CORNER Step 14e – Use your ruler on the vanishing point to draw converging lines to the vanishing point for the bottom of all the standard window on the first building.



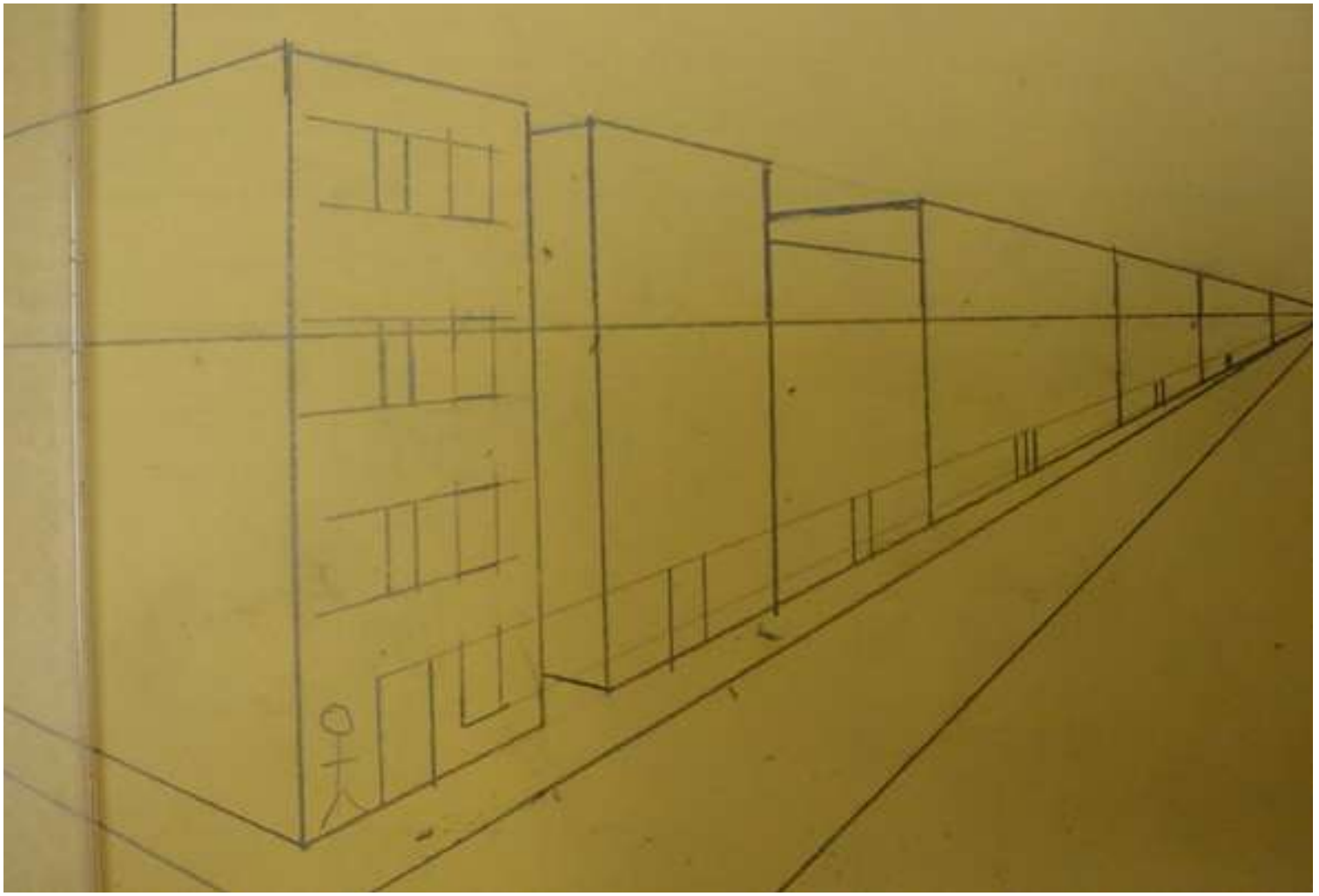
CORNER Step 14f – Make sure you leave enough room for an entire floor level between each window. This is roughly the same as the size of a standard window.



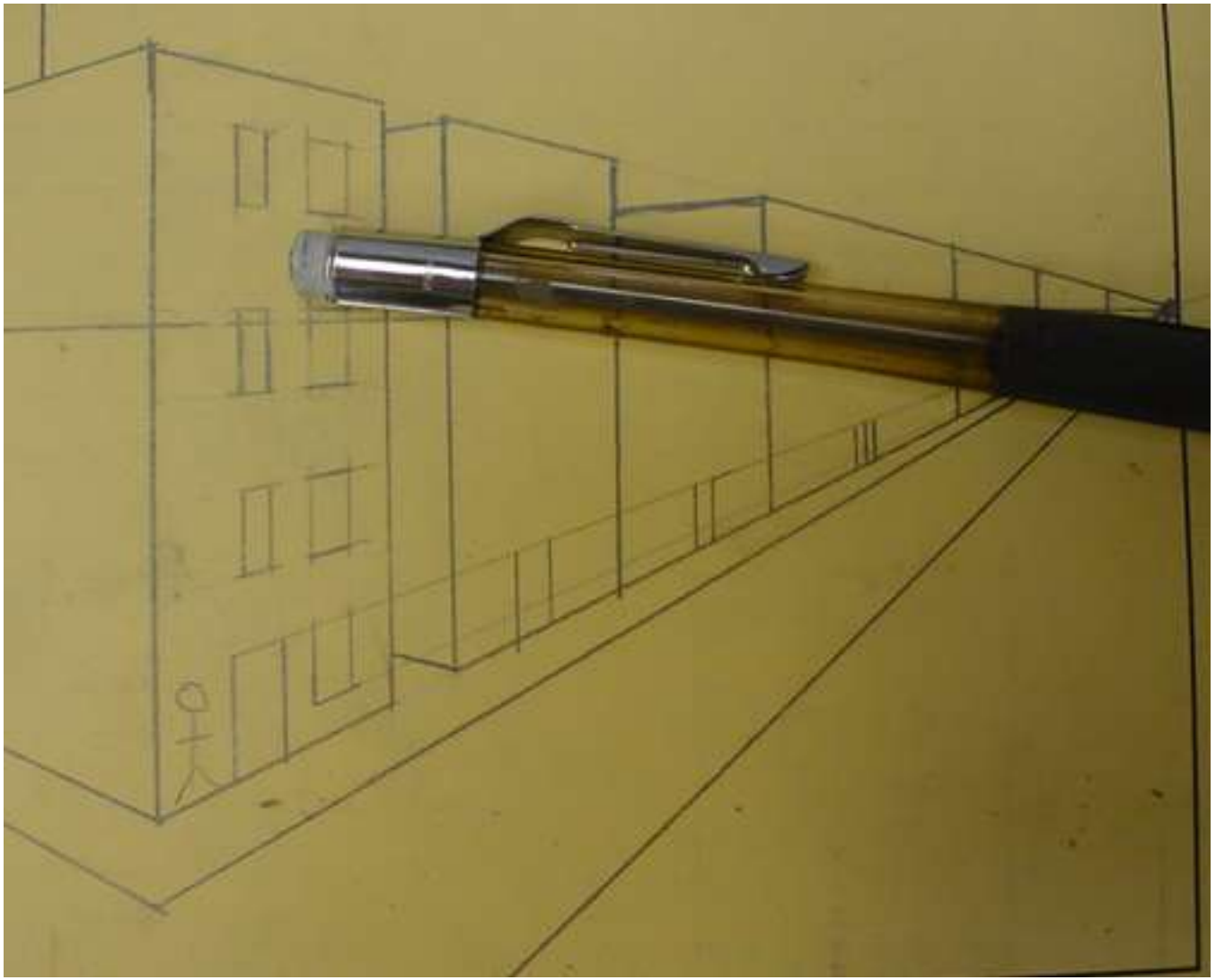
CORNER Step 14g – Erase the lines which do not make the sides, tops or bottom of windows.



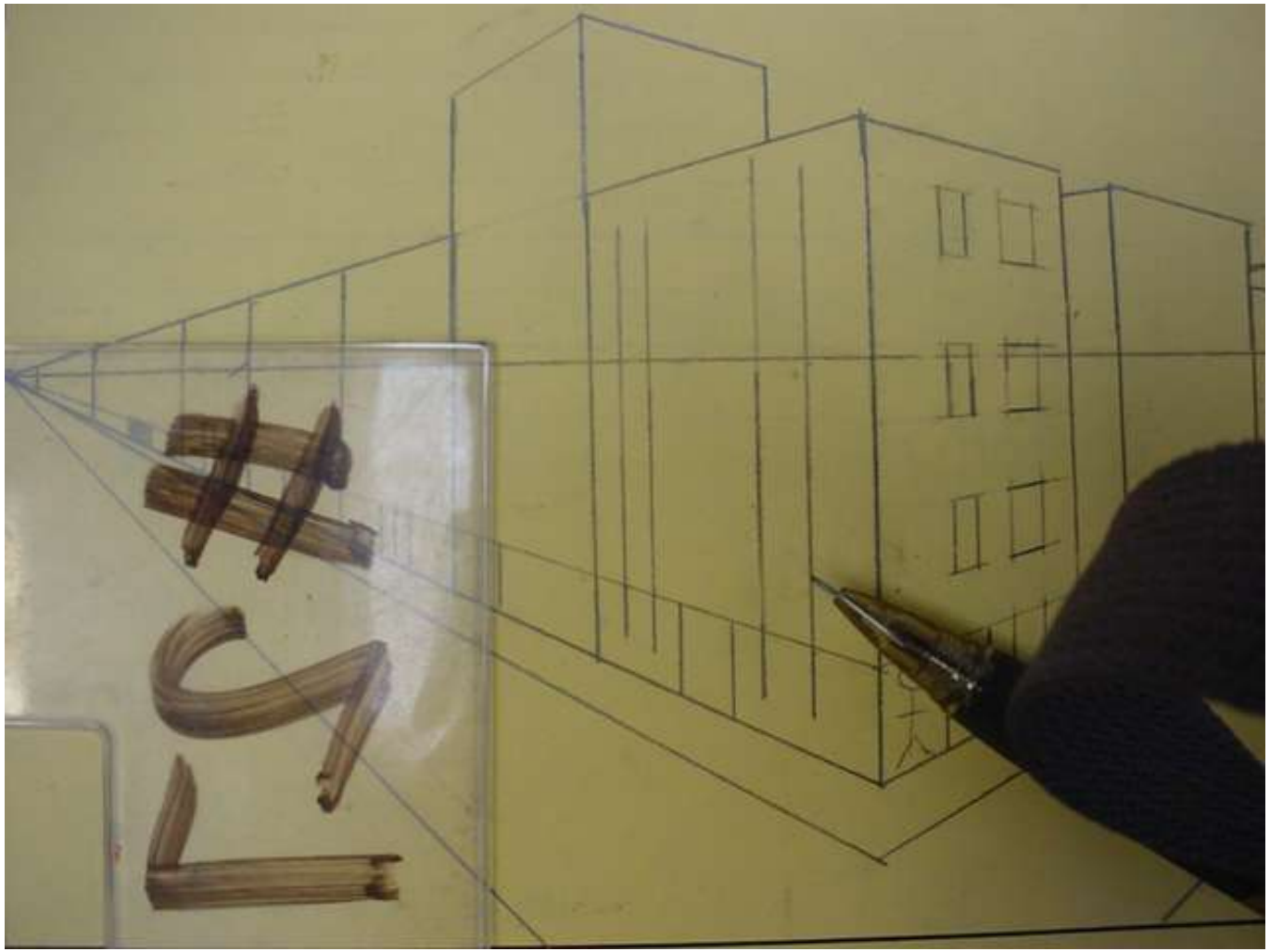
CORNER Step 14h – Use the same converging lines to make more windows on the same building by drawing more vertical lines for the sides.



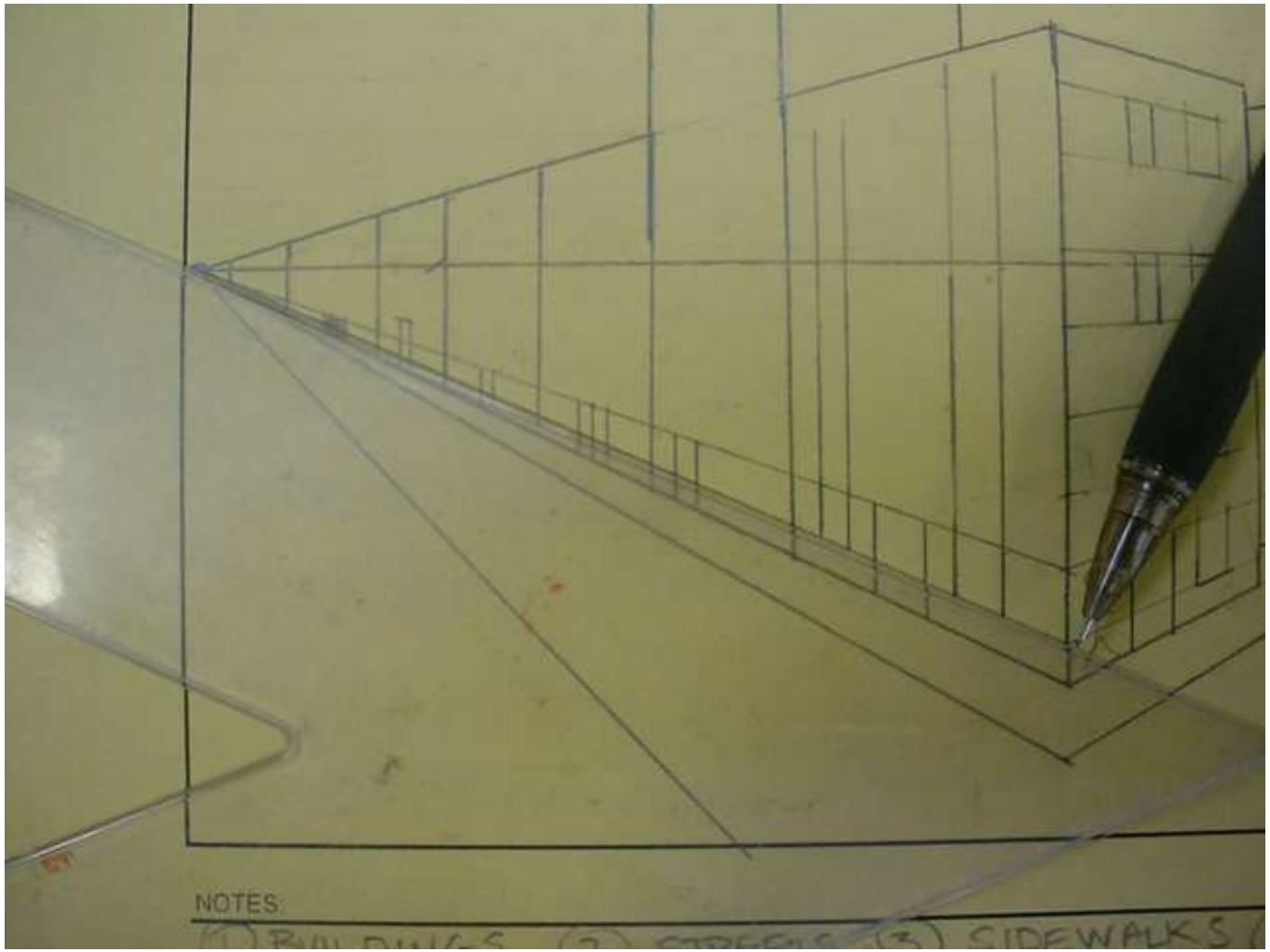
CORNER Step 14i – Erase lines which do NOT make sides, tops or bottoms of windows.



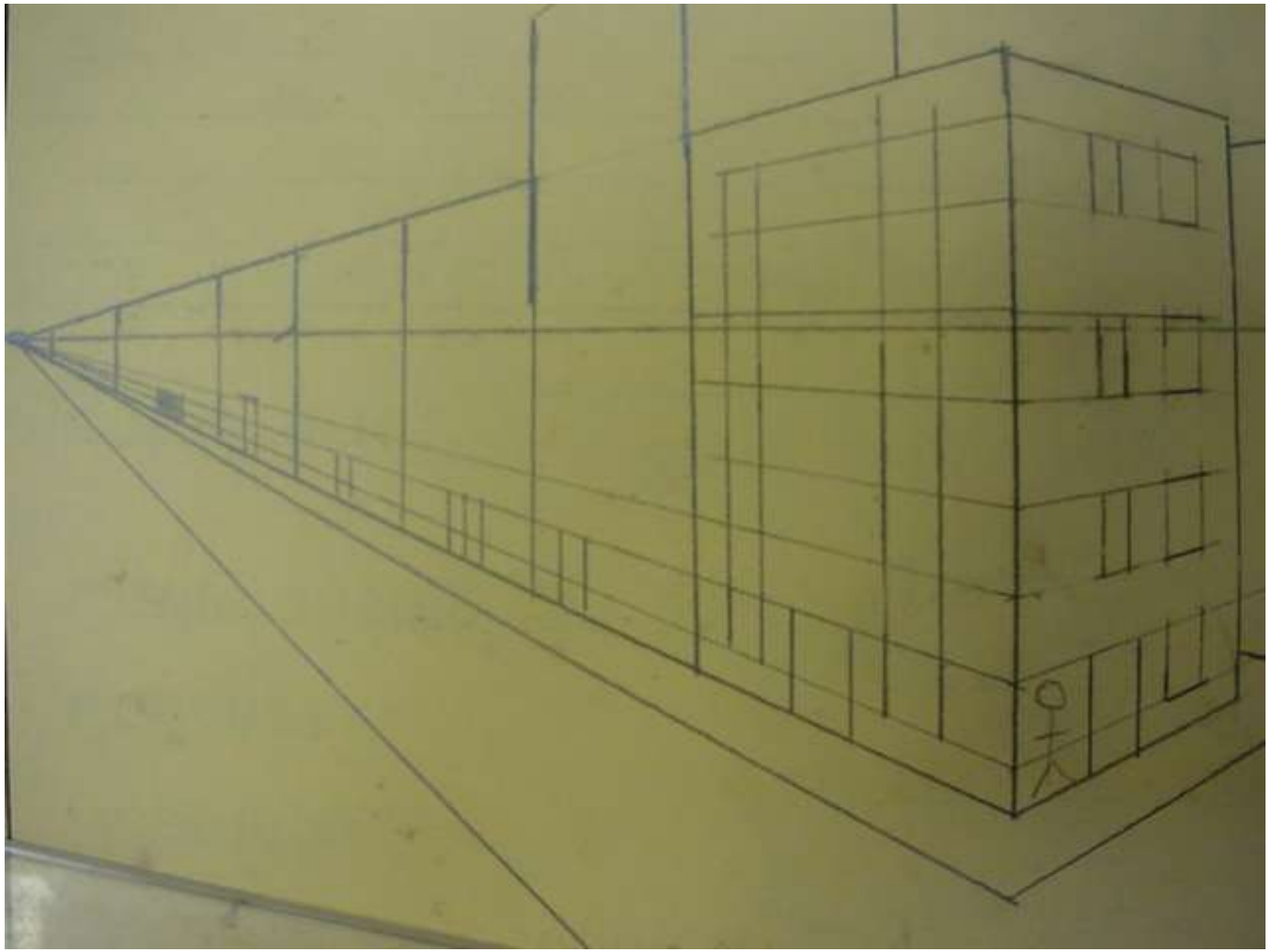
CORNER Step 14j– Draw more vertical lines for the sides of windows on the other side of the first building.



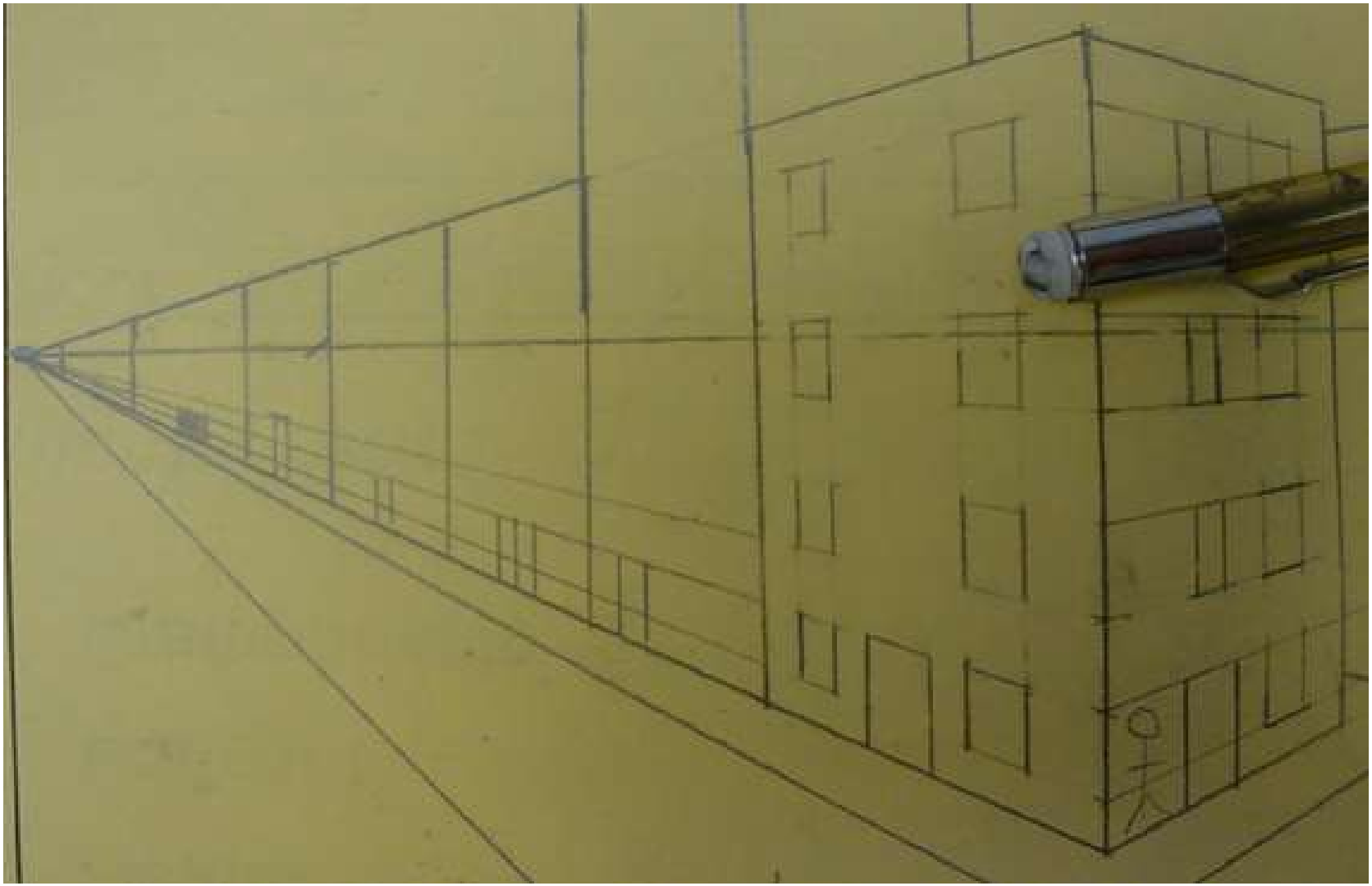
CORNER Step 14k – Extend the converging lines to the corner and draw converging lines to the other vanishing point to make windows on the other side of the buildings.



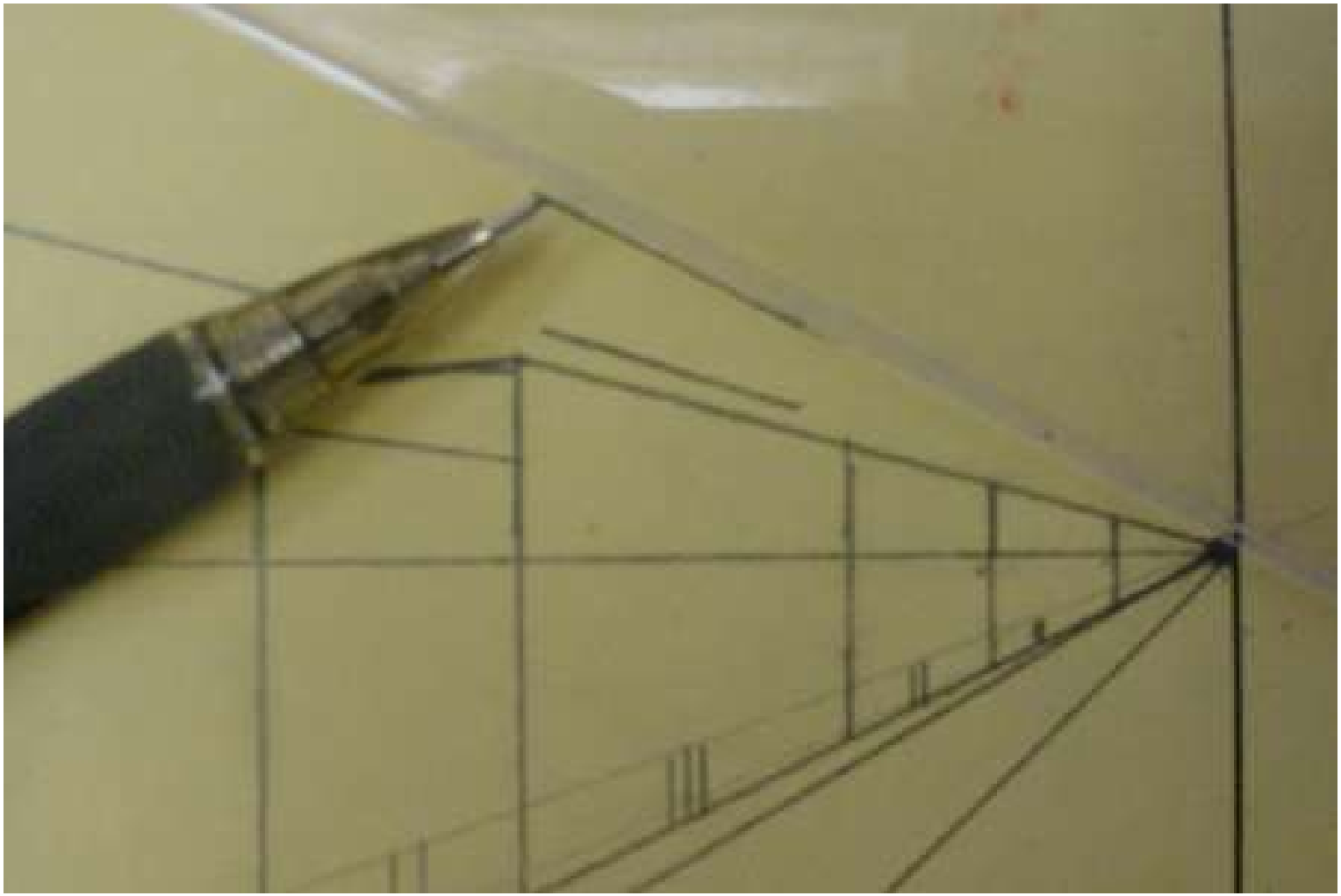
CORNER Step 14l – Draw more converging lines to the vanishing point to make windows on the building.



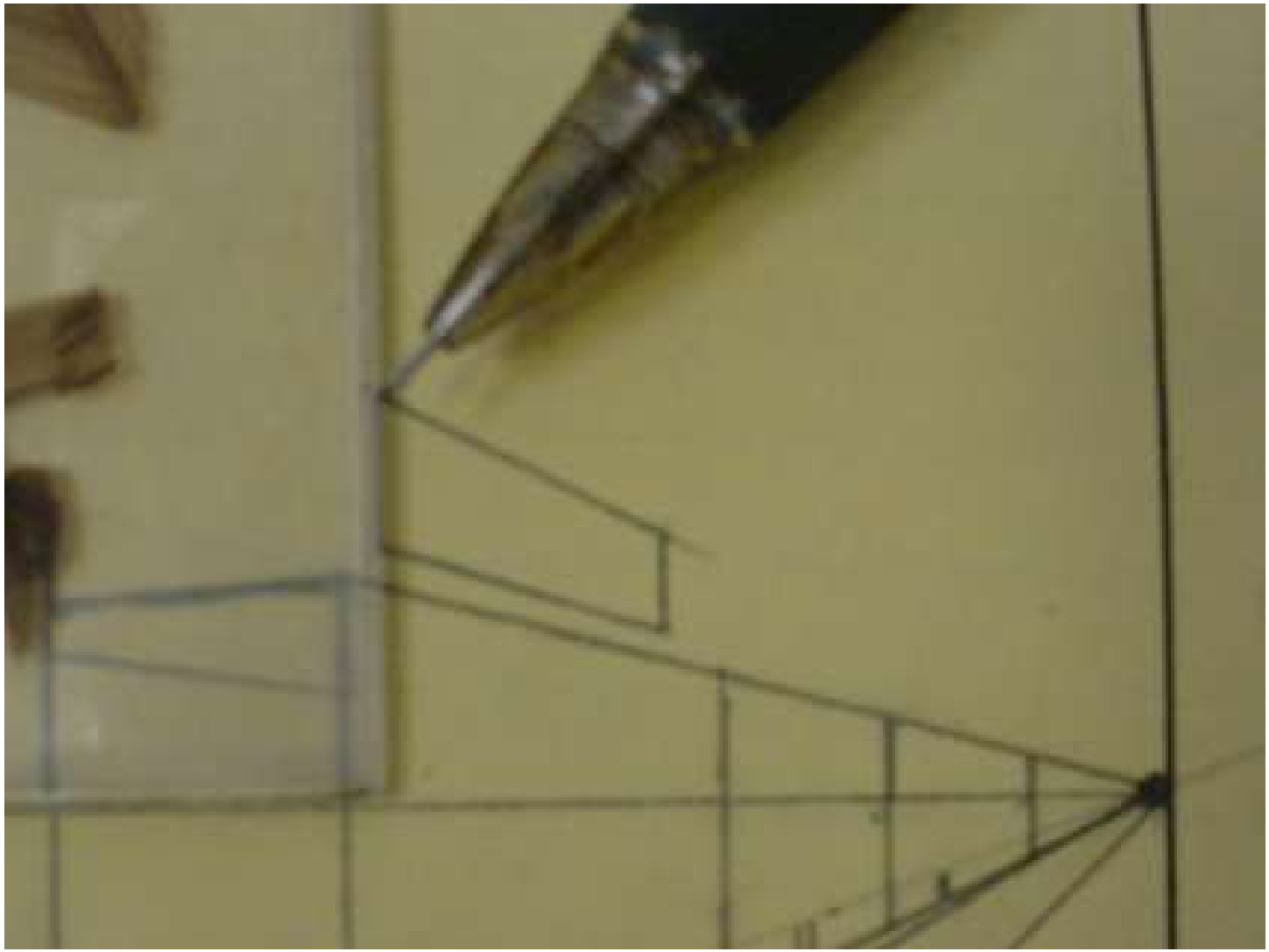
CORNER Step 14n – Erase all lines that do NOT make the tops, bottoms or sides of windows.



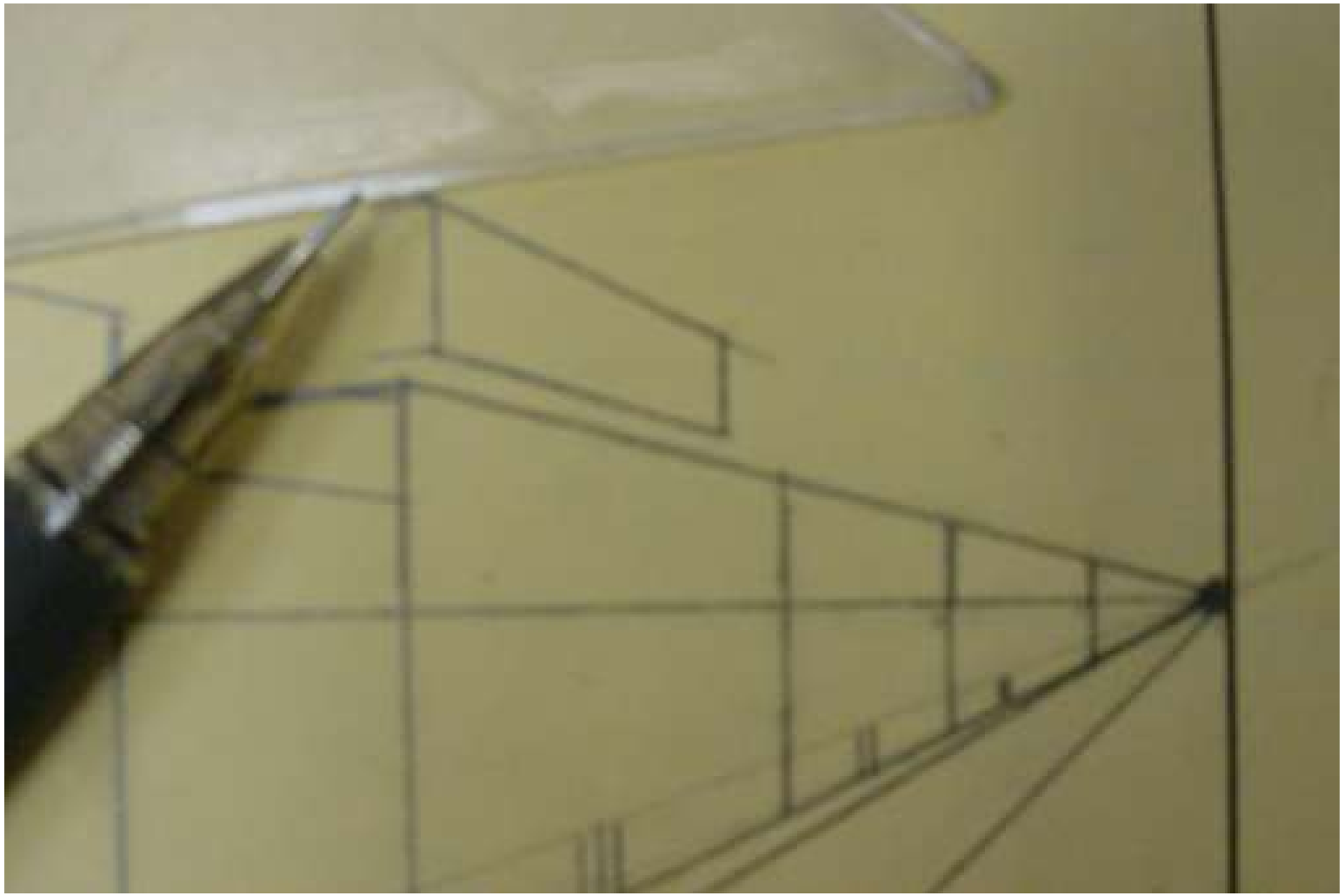
CORNER Step 15a – Adding a SIGN starts by drawing converging lines to the vanishing point for the top and bottom of the sign.



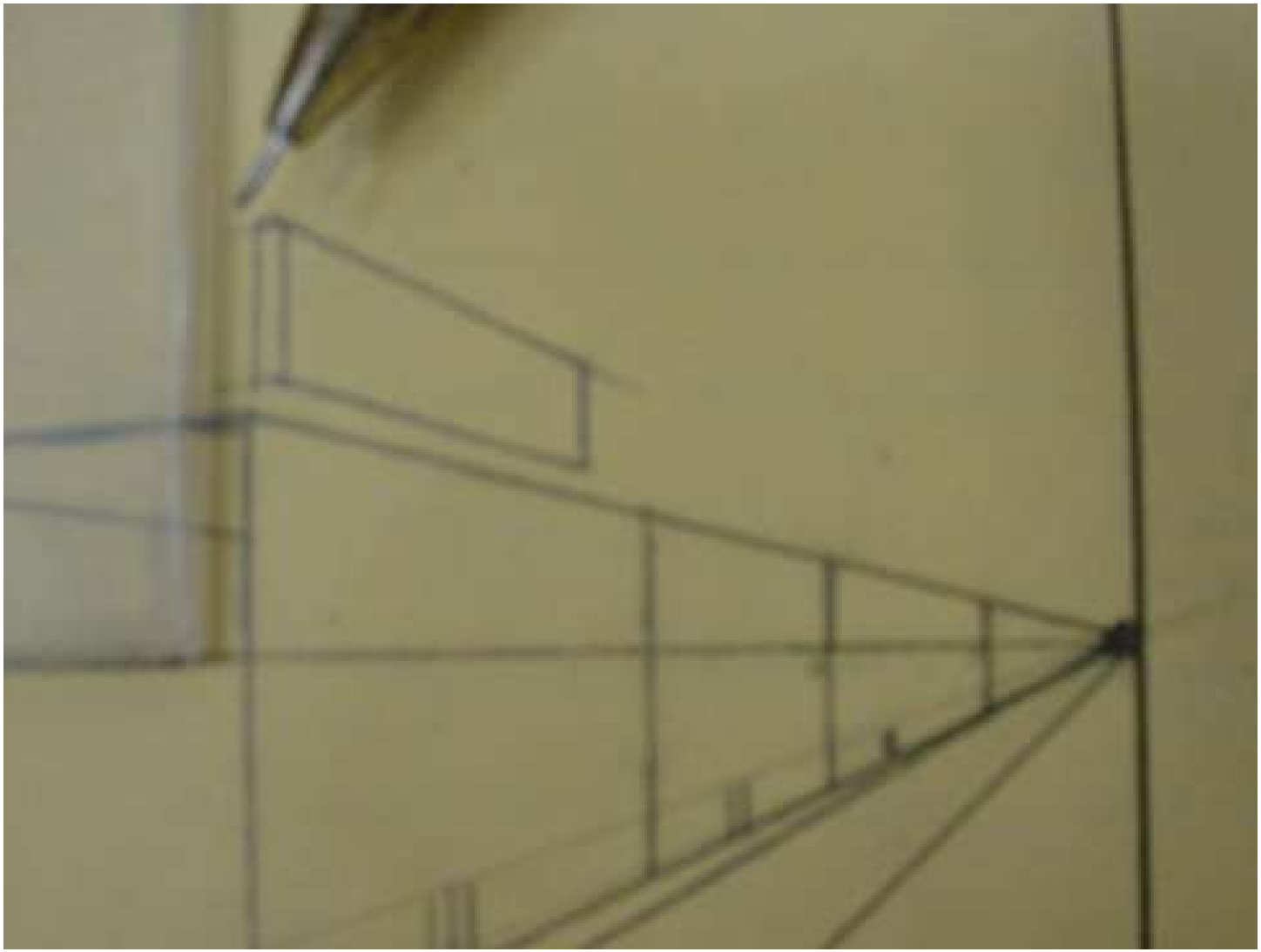
CORNER Step 15b – Draw two vertical lines for the sides of the sign.



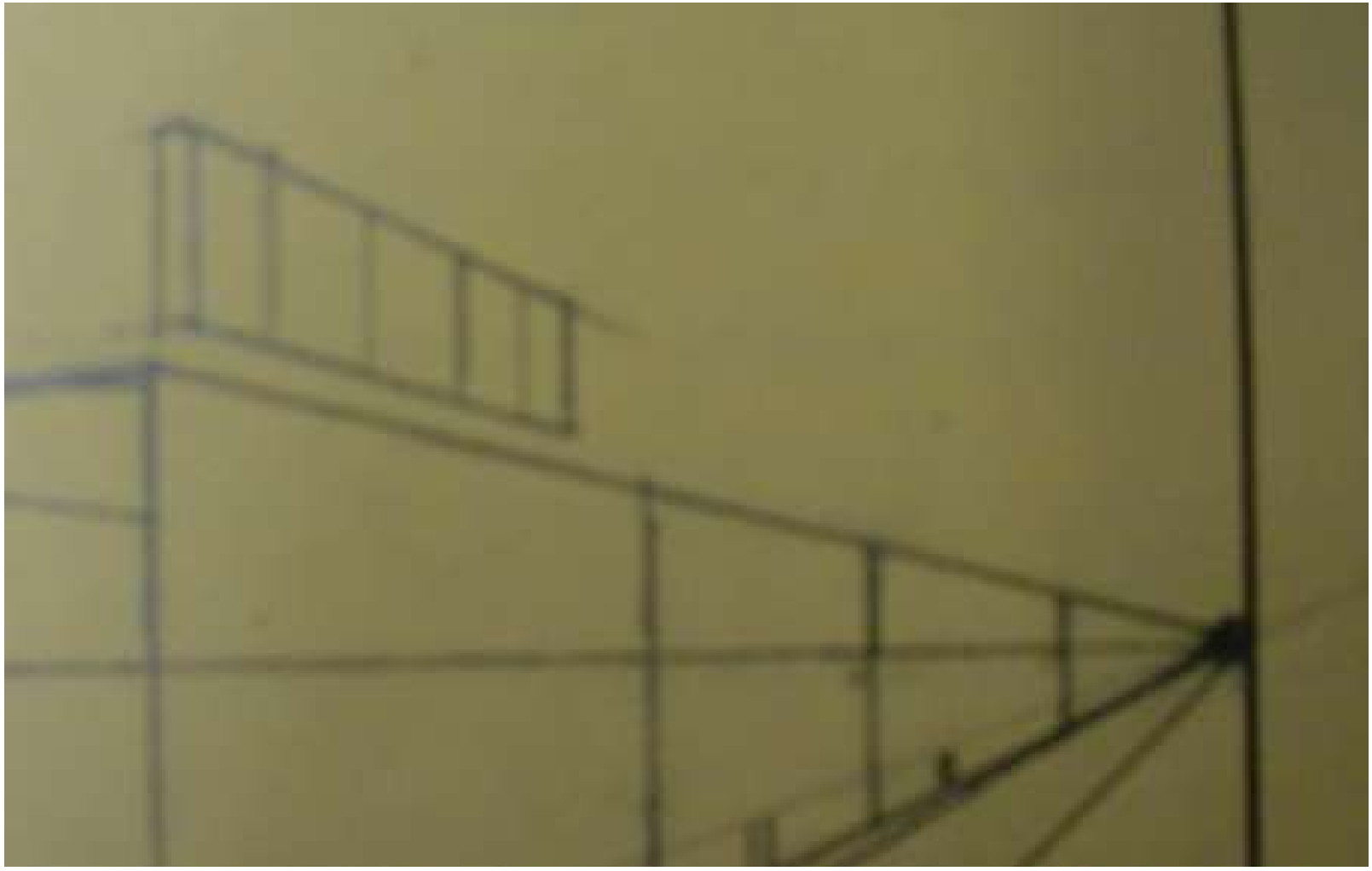
CORNER Step 15c – Draw two converging lines from the front edge corner to the vanishing point on the OPPOSITE side.



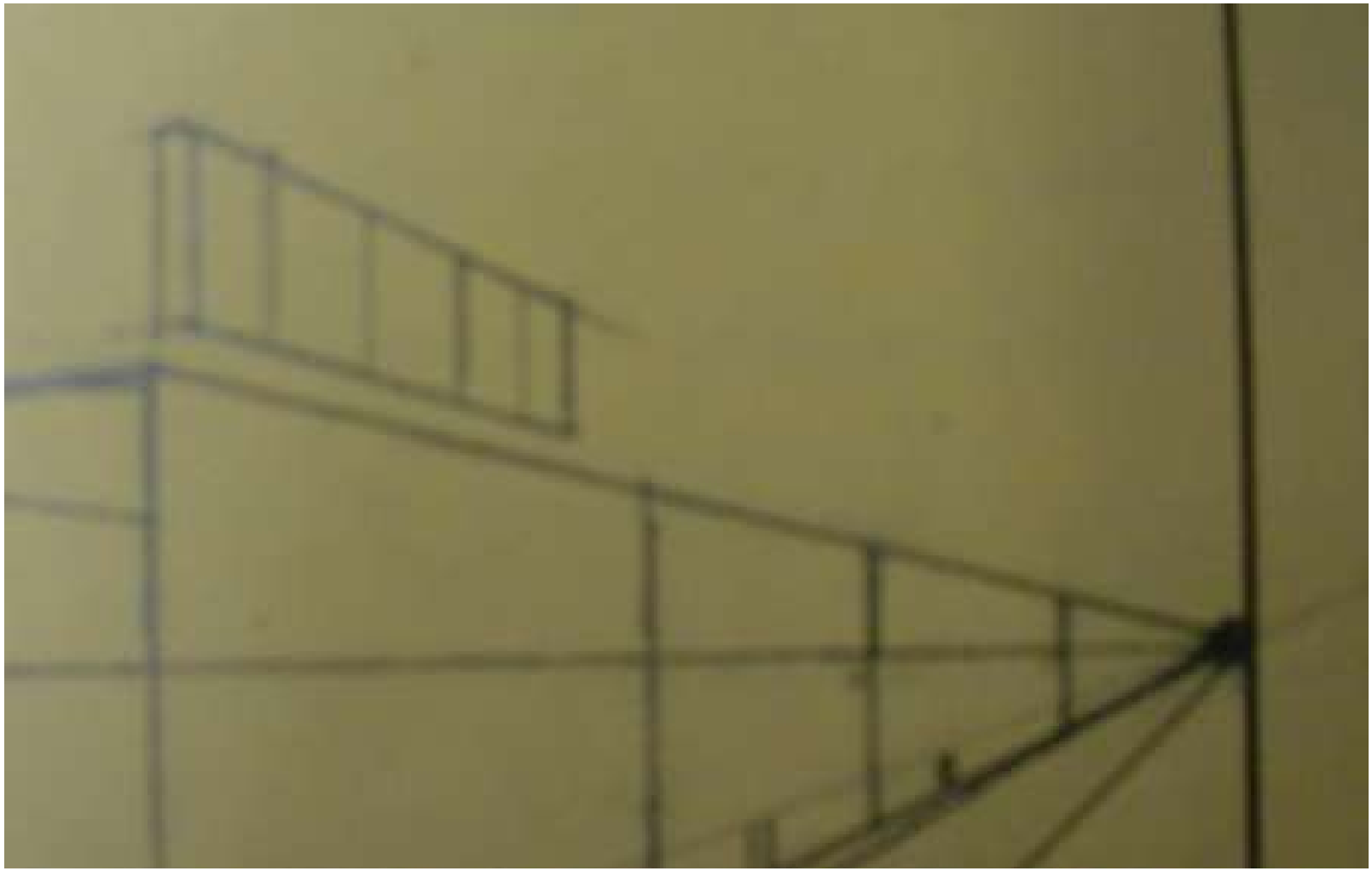
CORNER Step 15d – Draw a vertical line between the two converging lines to make the side of the sign.



CORNER Step 15e – Draw a vertical lines between the two converging lines to make the spaces for the letters needed on the front of the sign. REMINDER: Letter spaces should get smaller as they go farther down the street..



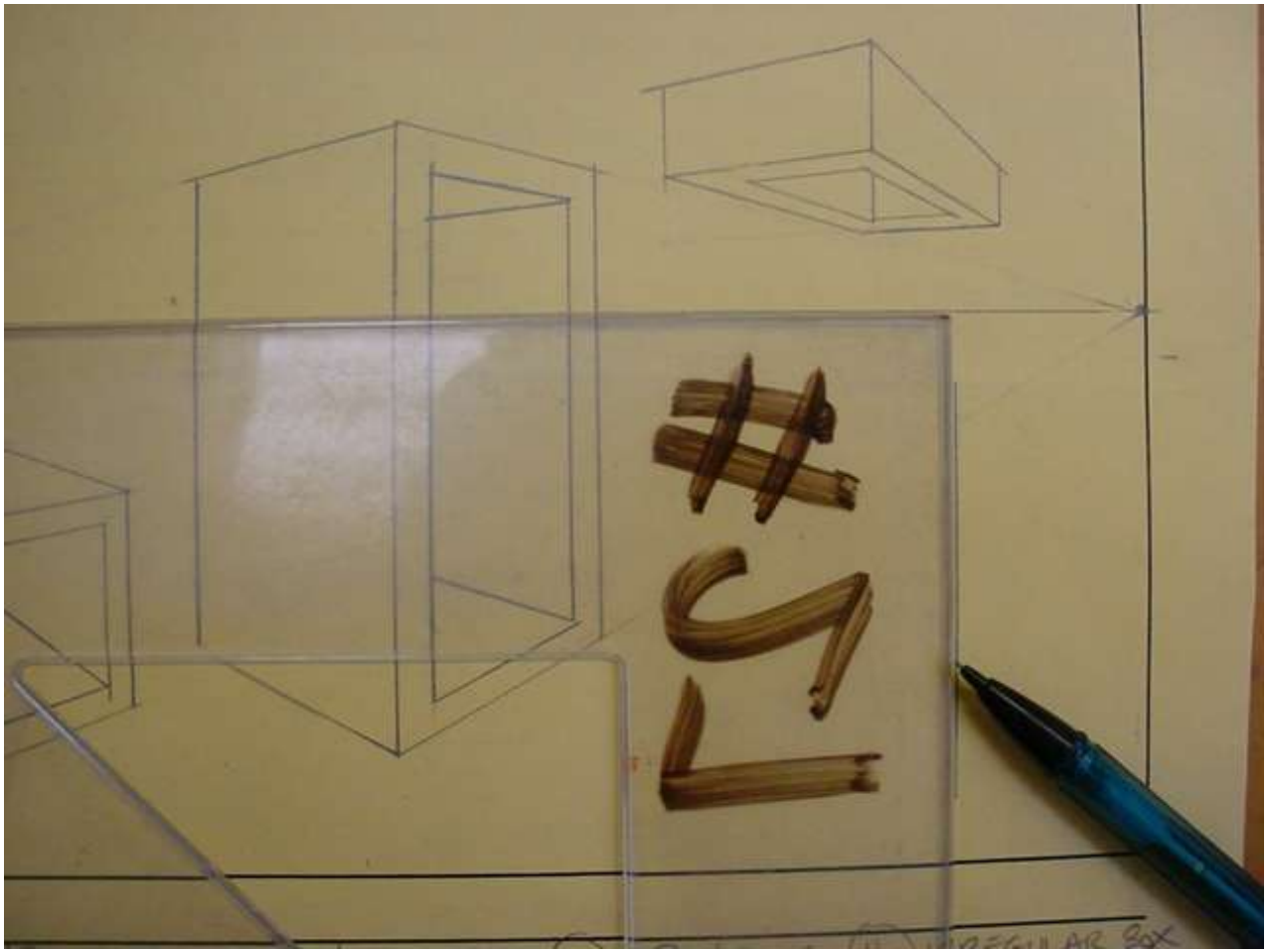
CORNER Step 15f – Draw the vertical lines for the sides of your letters and the converging lines for the tops and bottoms of your letters.



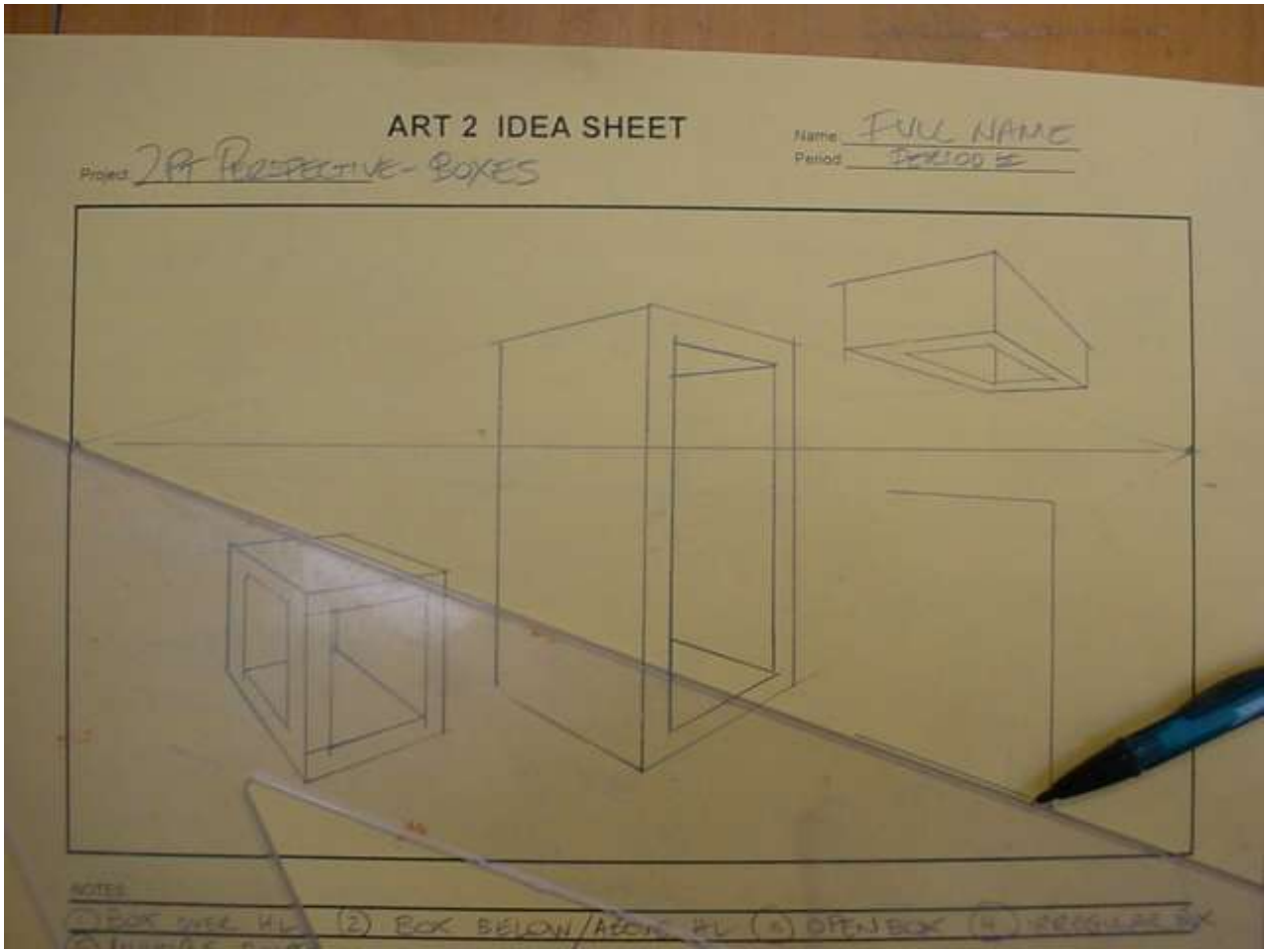
2 PT Perspective CORNER – ***Required practice***

- Streets
- Sidewalks
- Multiple buildings
- SPACE between buildings
- RAISED/LOWERED building
- DOORS on one side of street
- WINDOWS on at least one building
- SIGN on or on top of building

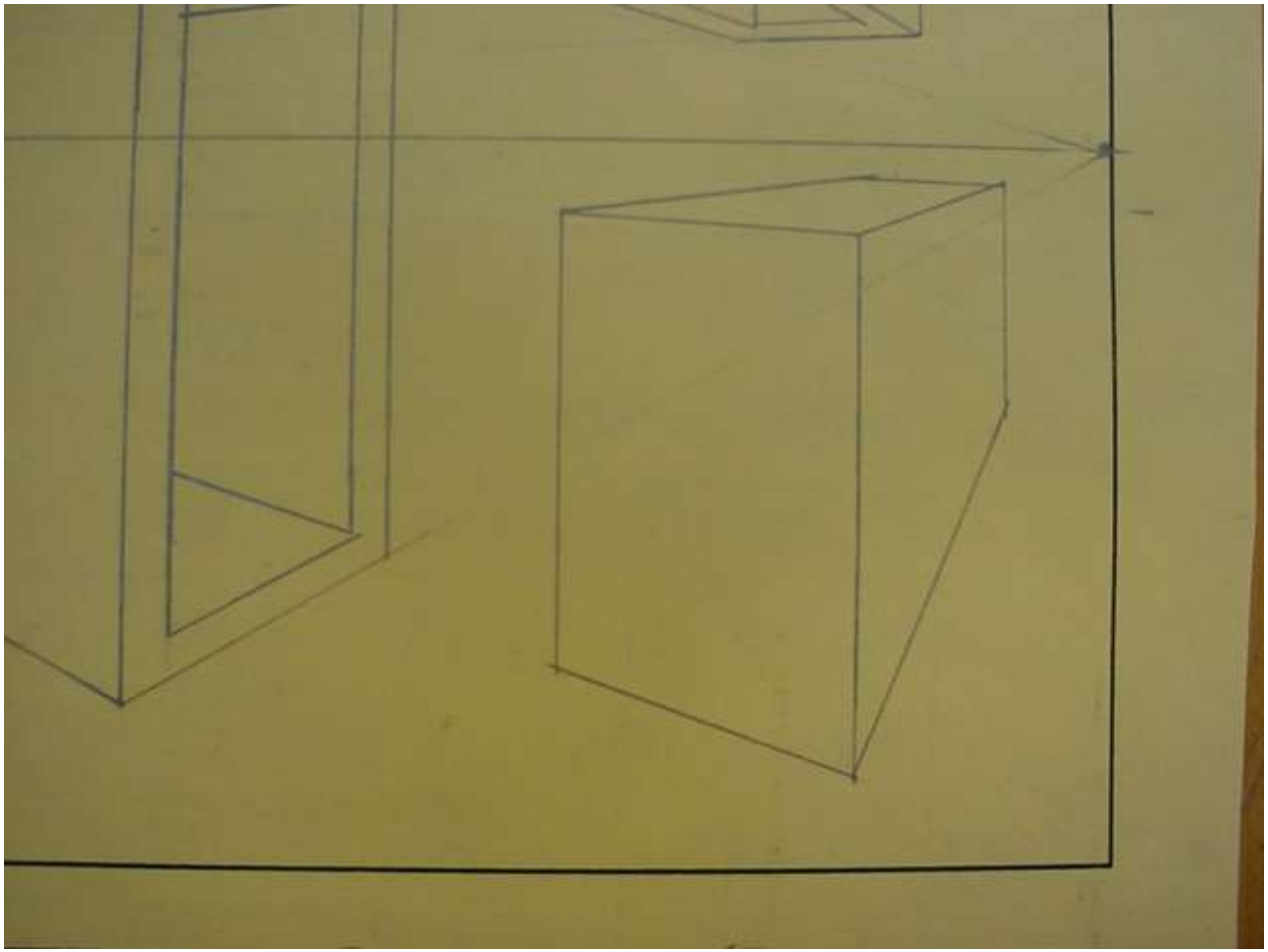
BOXES Step 13a -



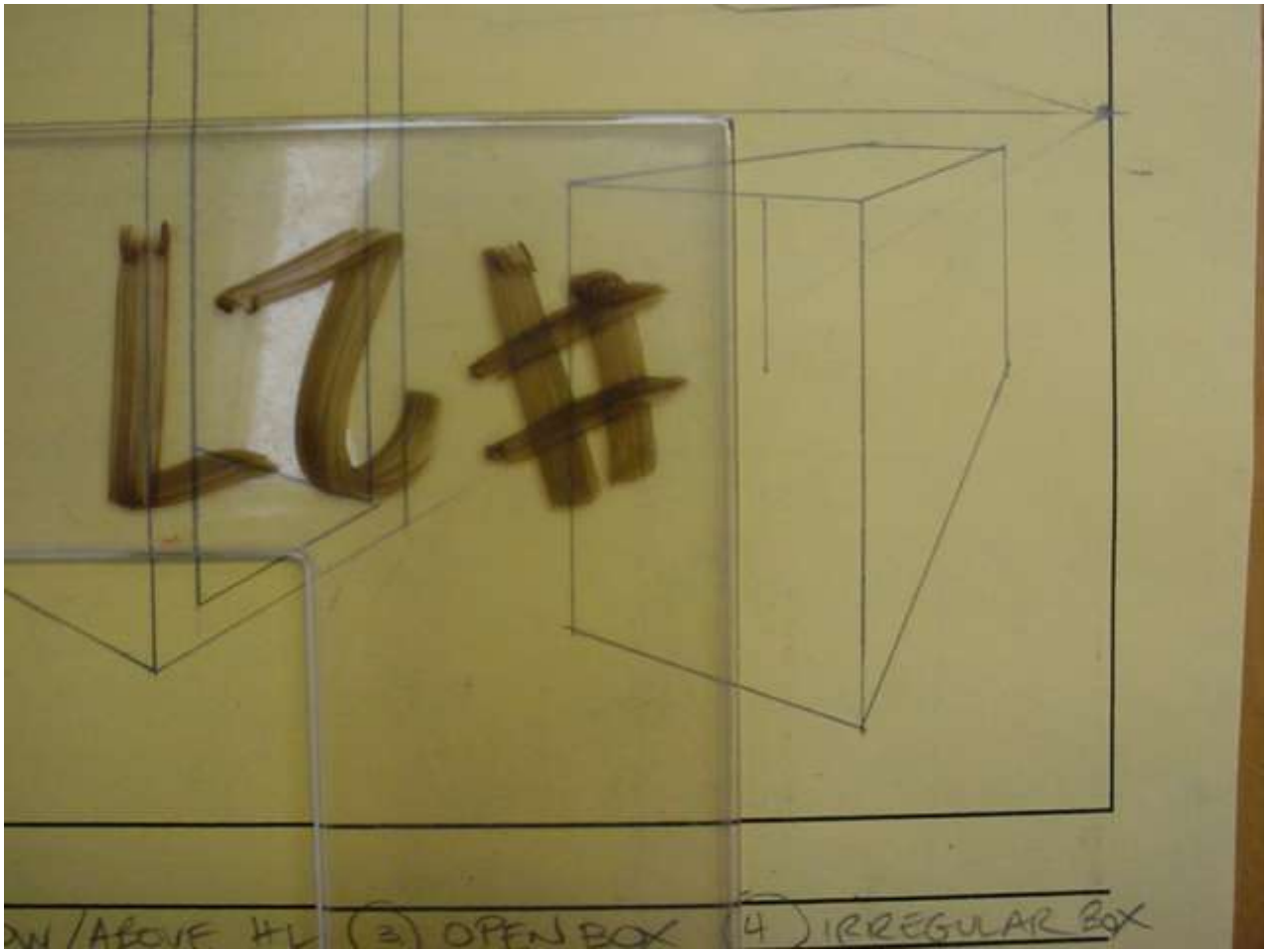
BOXES Step 13b -



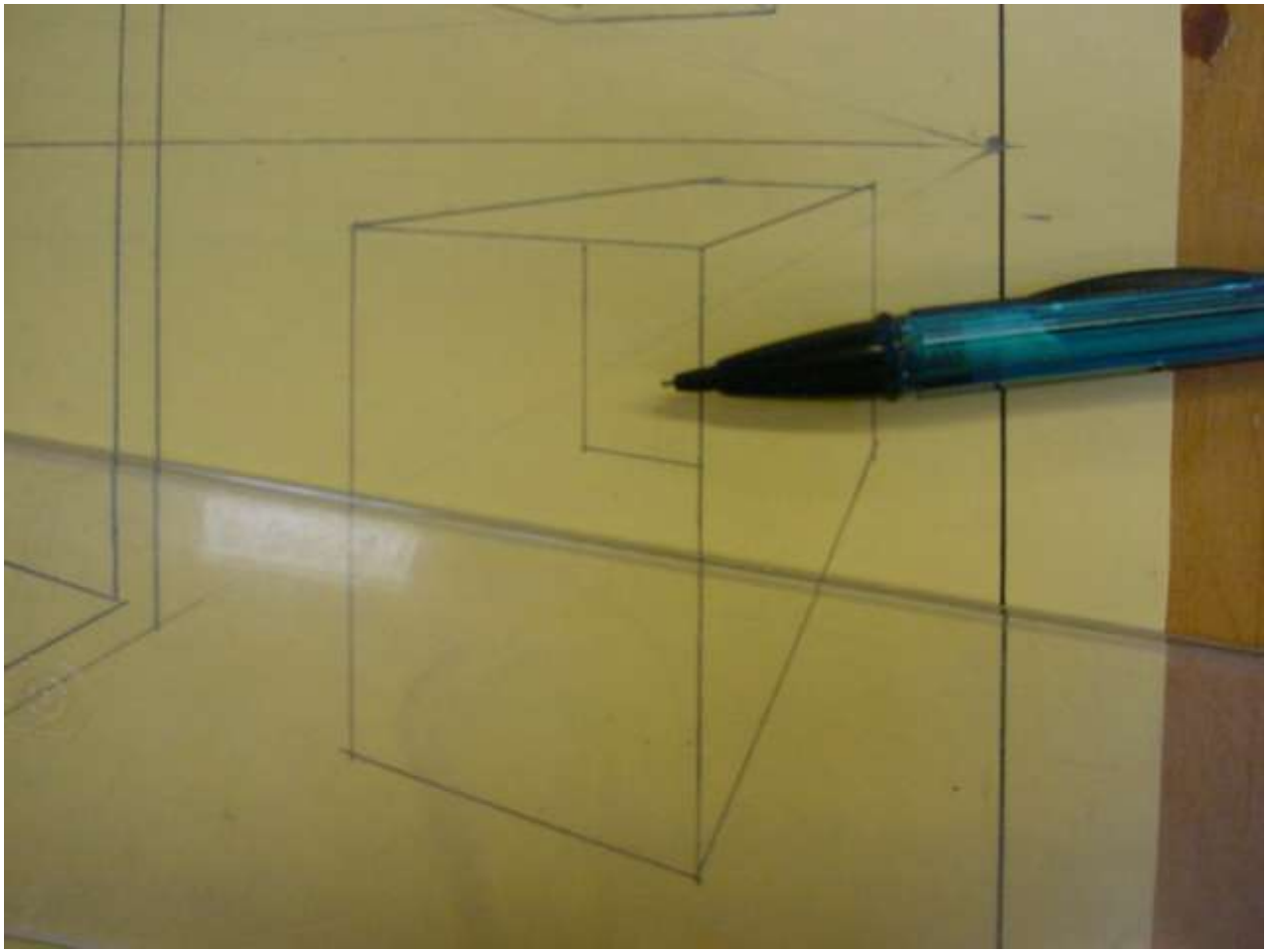
BOXES Step 13c -



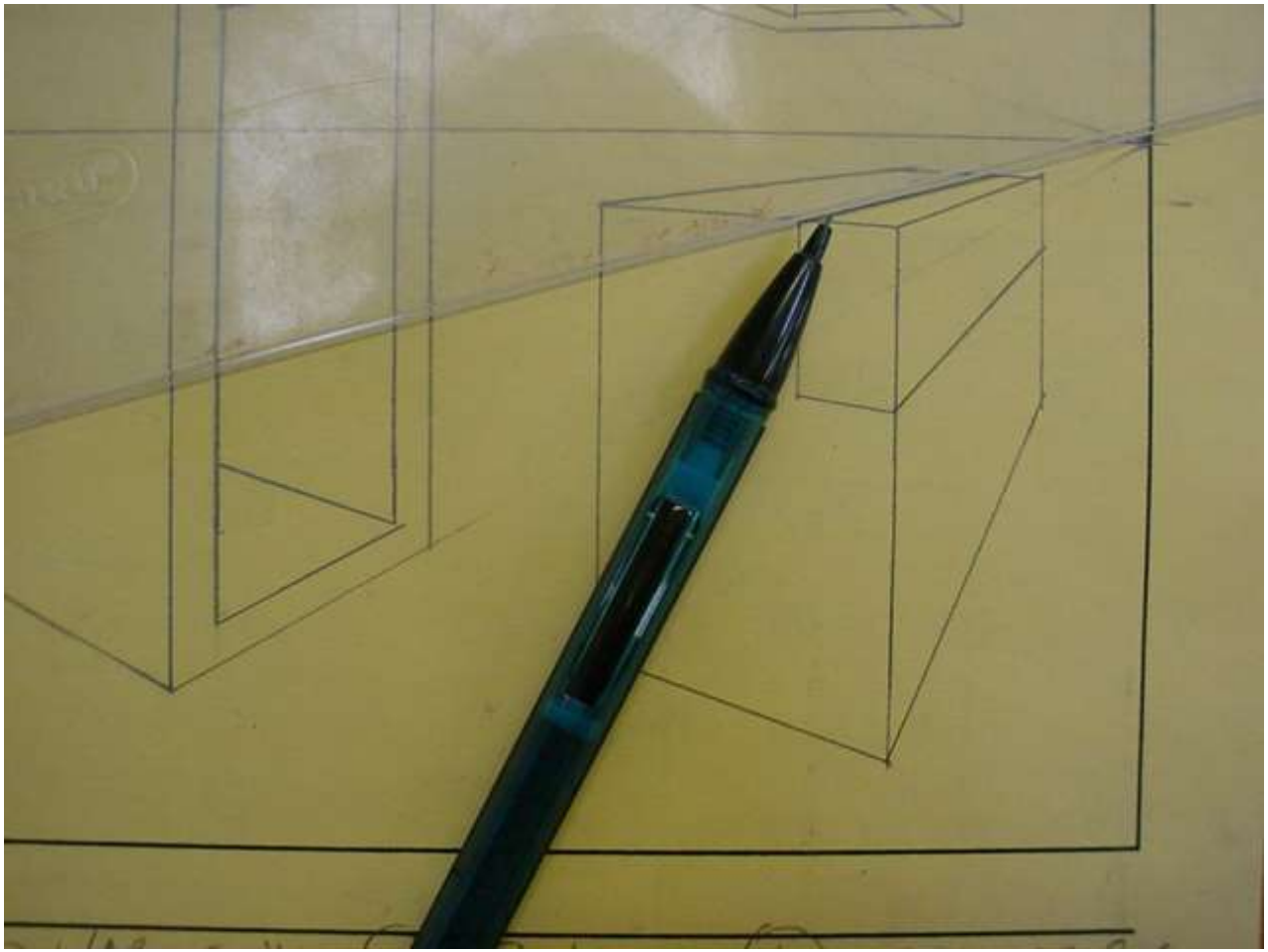
BOXES Step 13d -



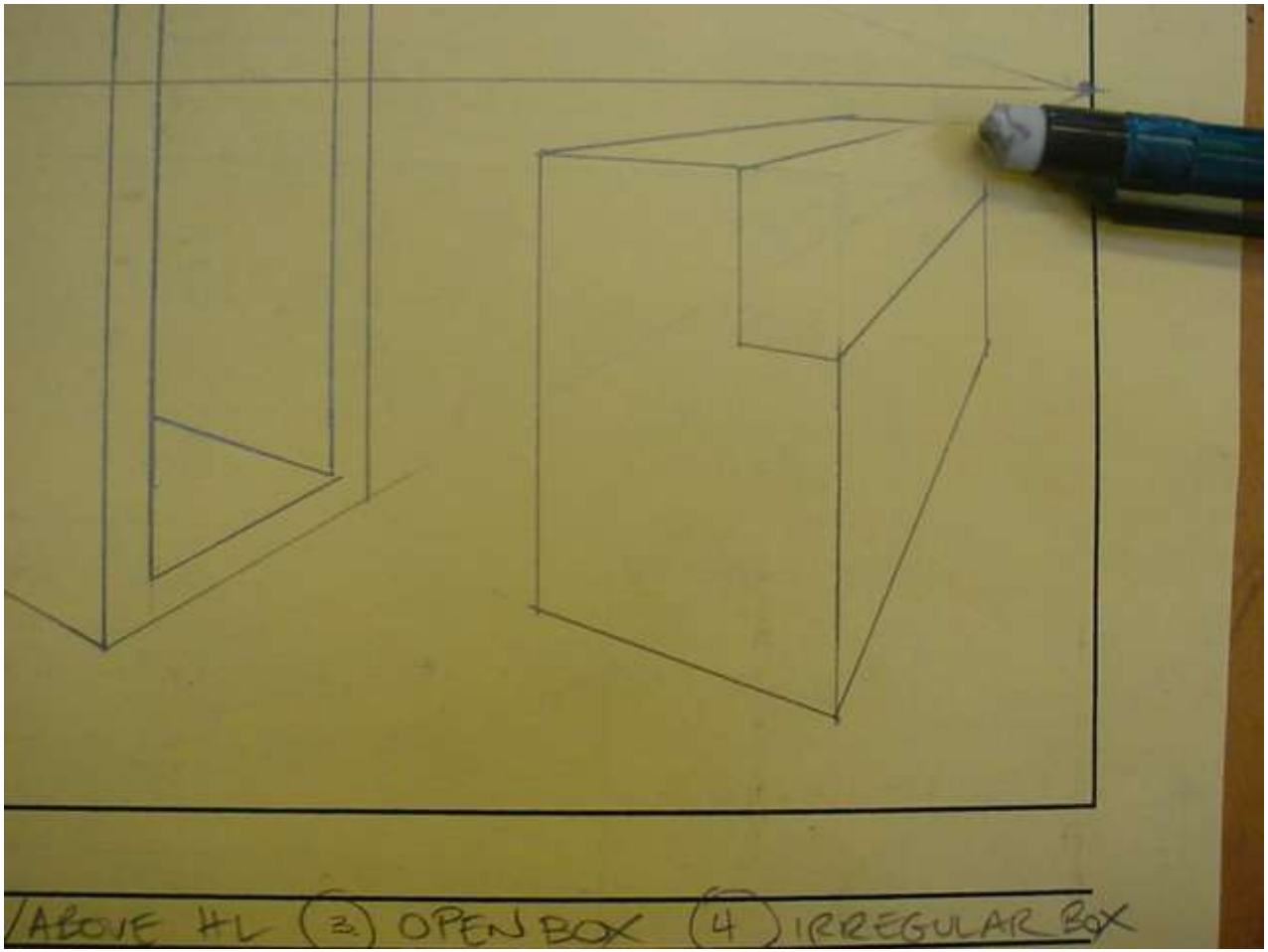
BOXES Step 13e -



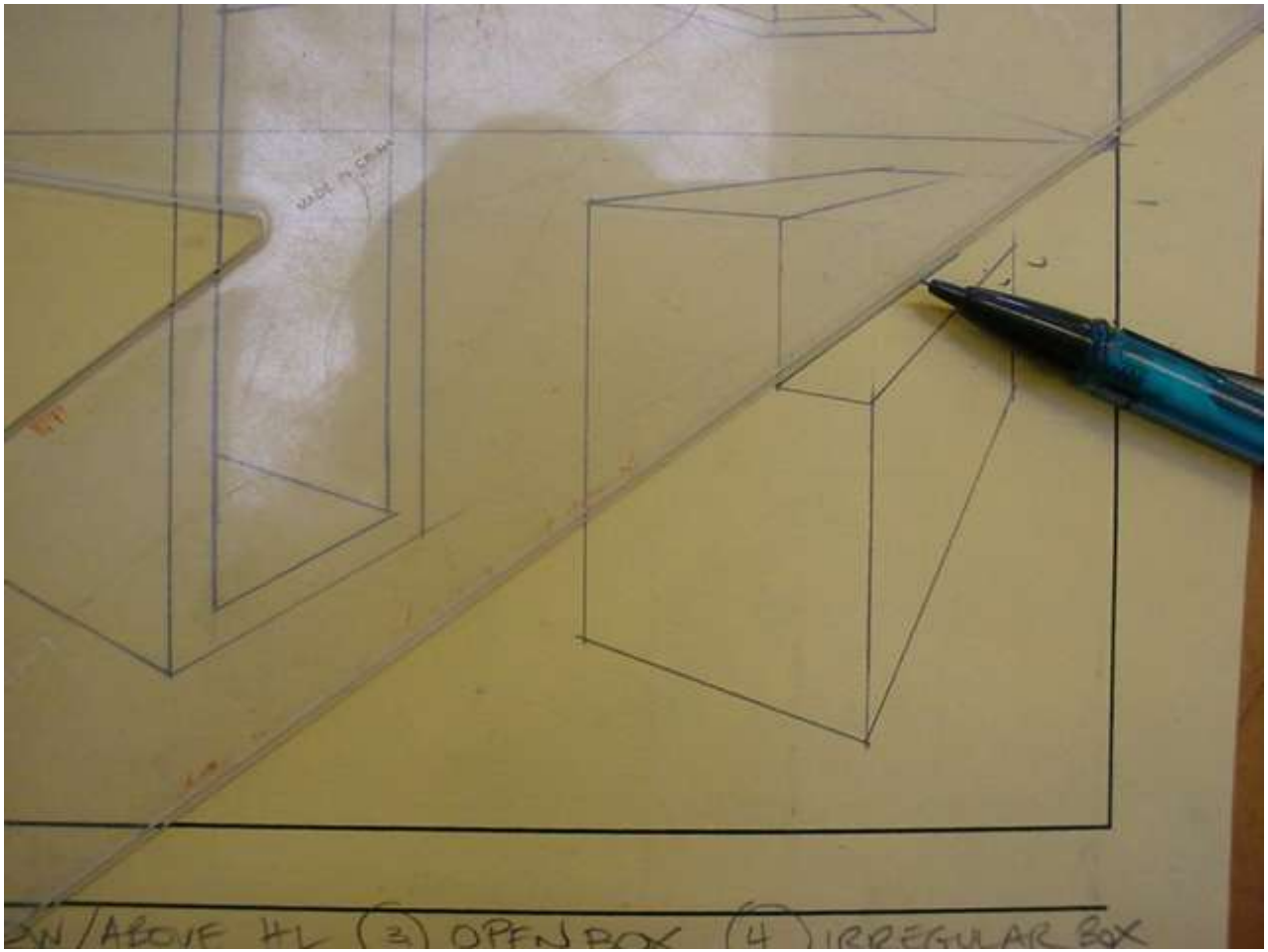
BOXES Step 13f -



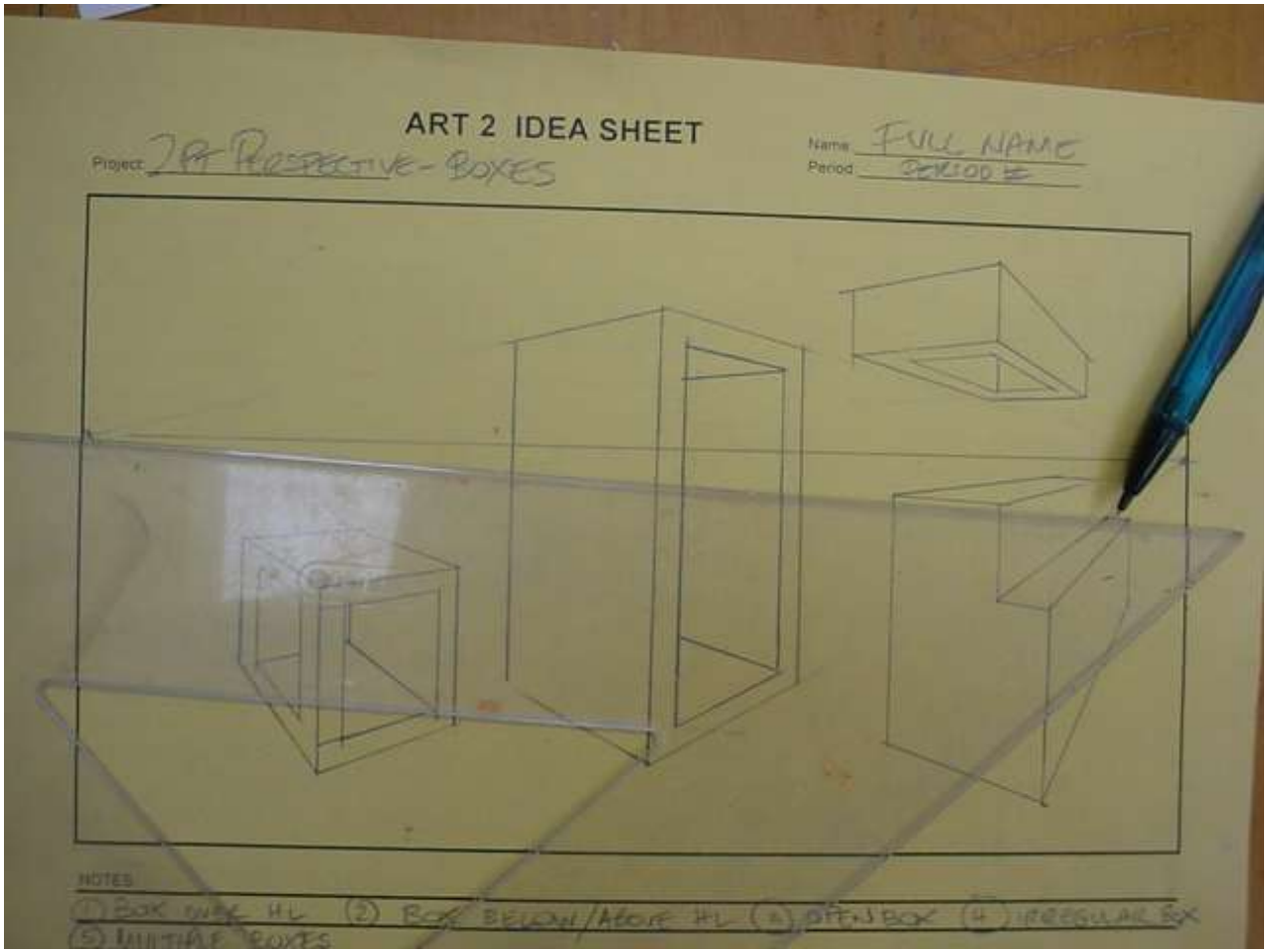
BOXES Step 13g -



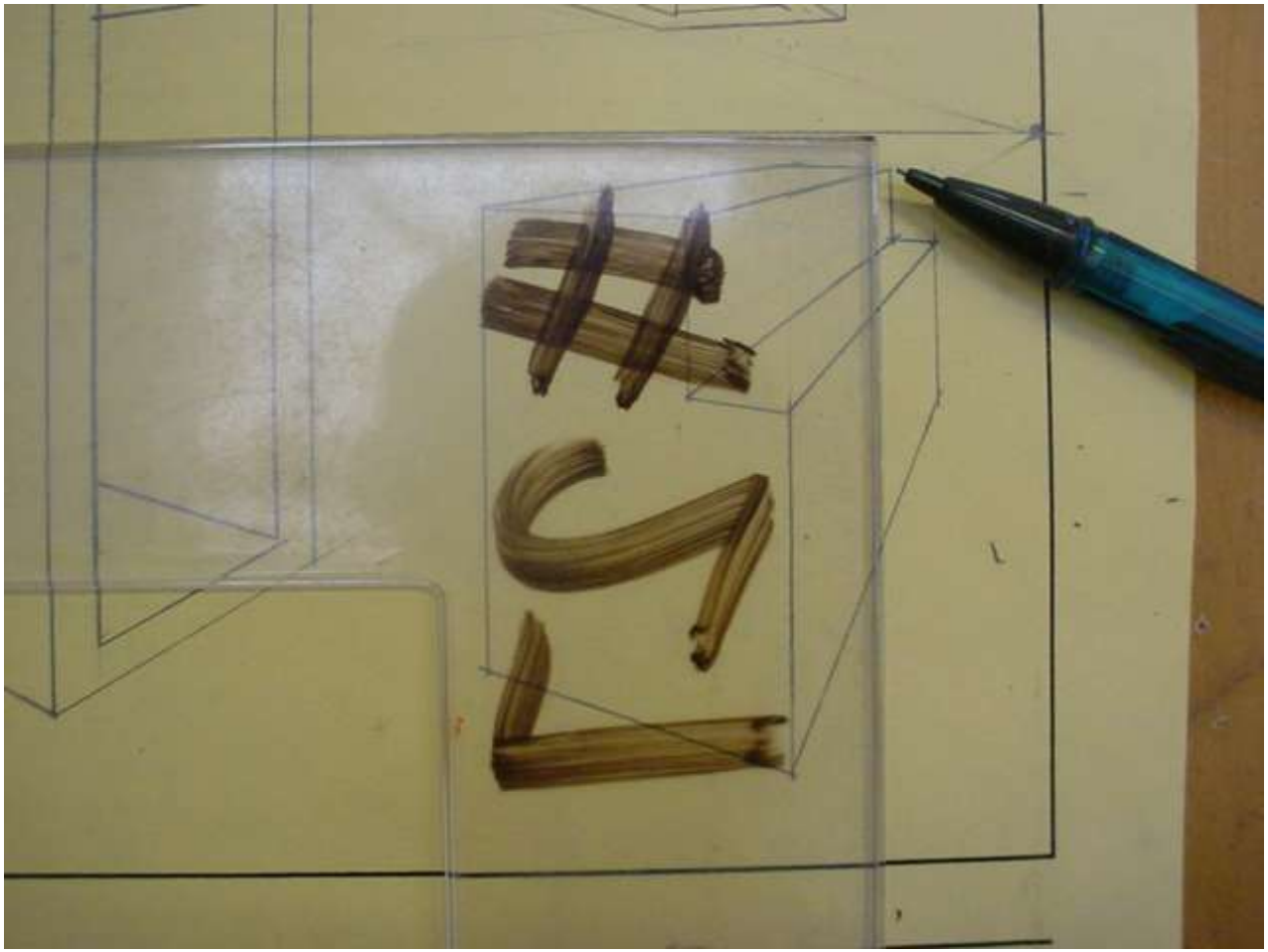
BOXES Step 13h -



BOXES Step 13i -



BOXES Step 13j -



BOXES Step 13k -