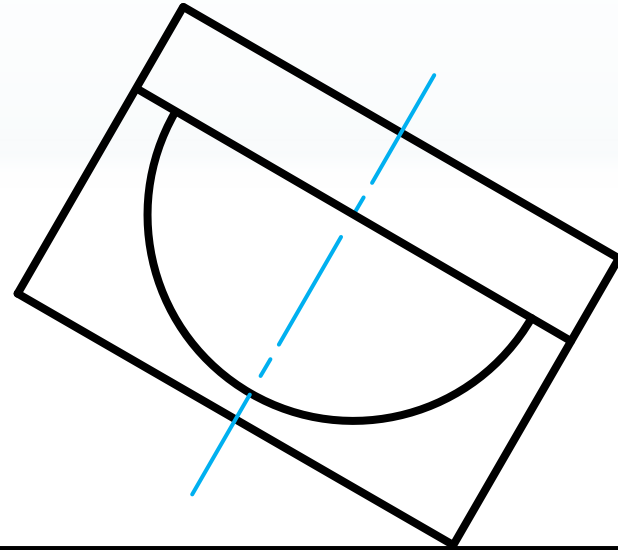


# 2-Point-Perspective Drawing Principles (Circles) Grade 12

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Engineering Graphics and Design  
Free State Province

# 2-Point-Perspective Drawing



**Question**

## QUESTION 3: PERSPECTIVE

### Given:

Three views of a shelter with a viewing deck and the information needed to draw a two-point perspective drawing

PP – Picture plane

HL – Horizon line

GL – Ground line

SP – Station point

### Instructions:

Complete the perspective drawing.

- Align the drawing sheet with the ground line (GL).
- Determine and label the vanishing points.
- Show ALL necessary construction.
- NO hidden detail is required. [40]

PP

HL

GL

+ SP



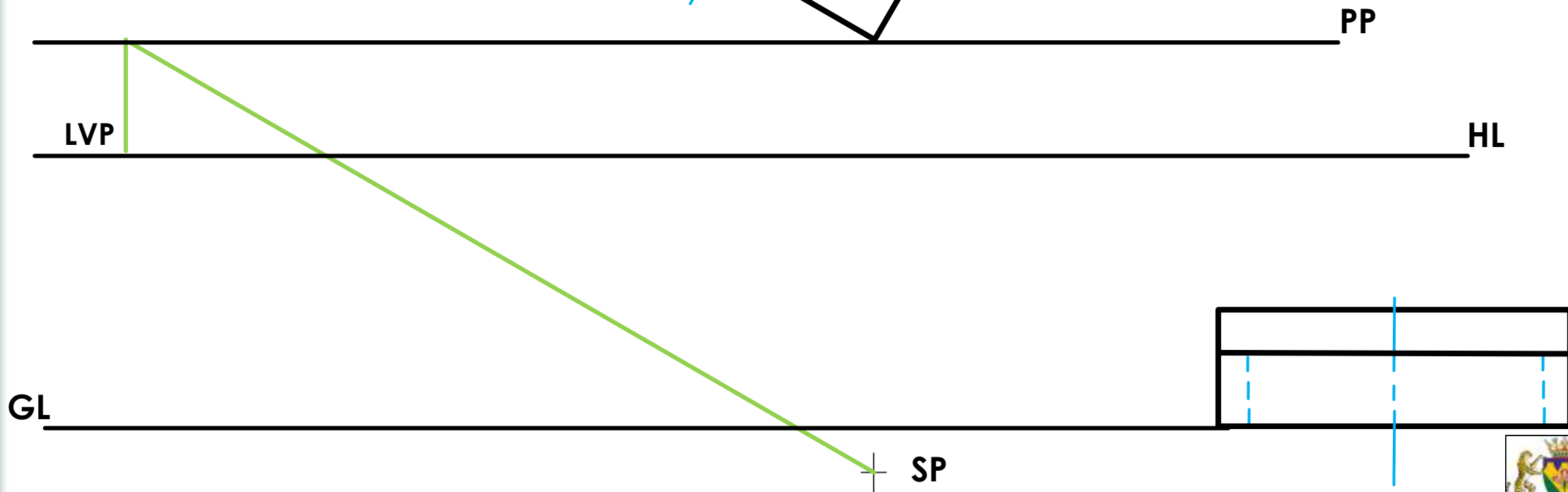
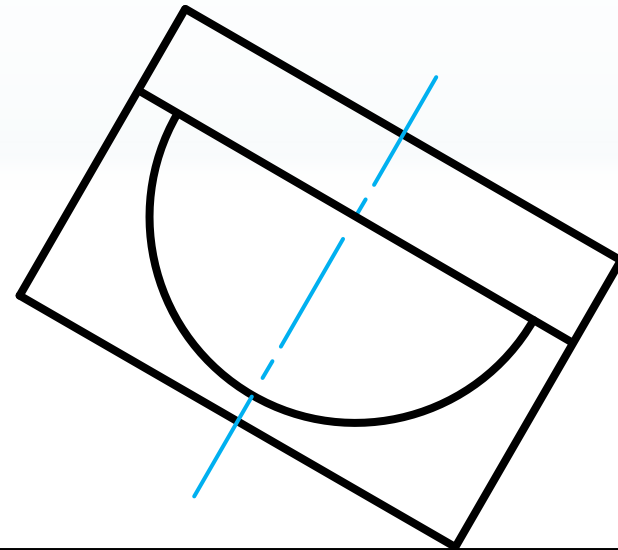
education

Department of Education  
FREE STATE PROVINCE

# 2-Point-Perspective Drawing

**Step 1**

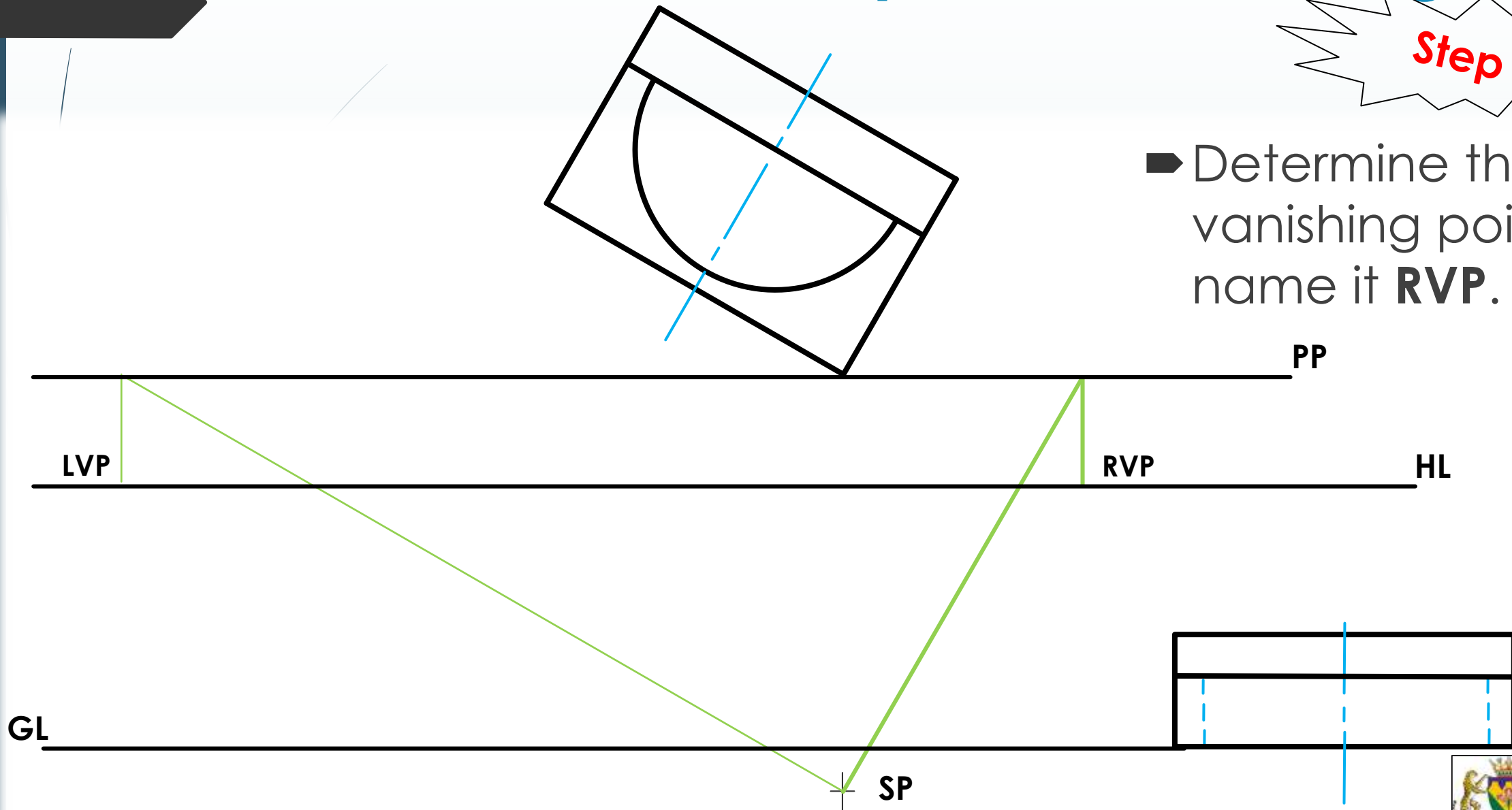
- Determine the left vanishing point & name it **LVP**.



# 2-Point-Perspective Drawing

**Step 2**

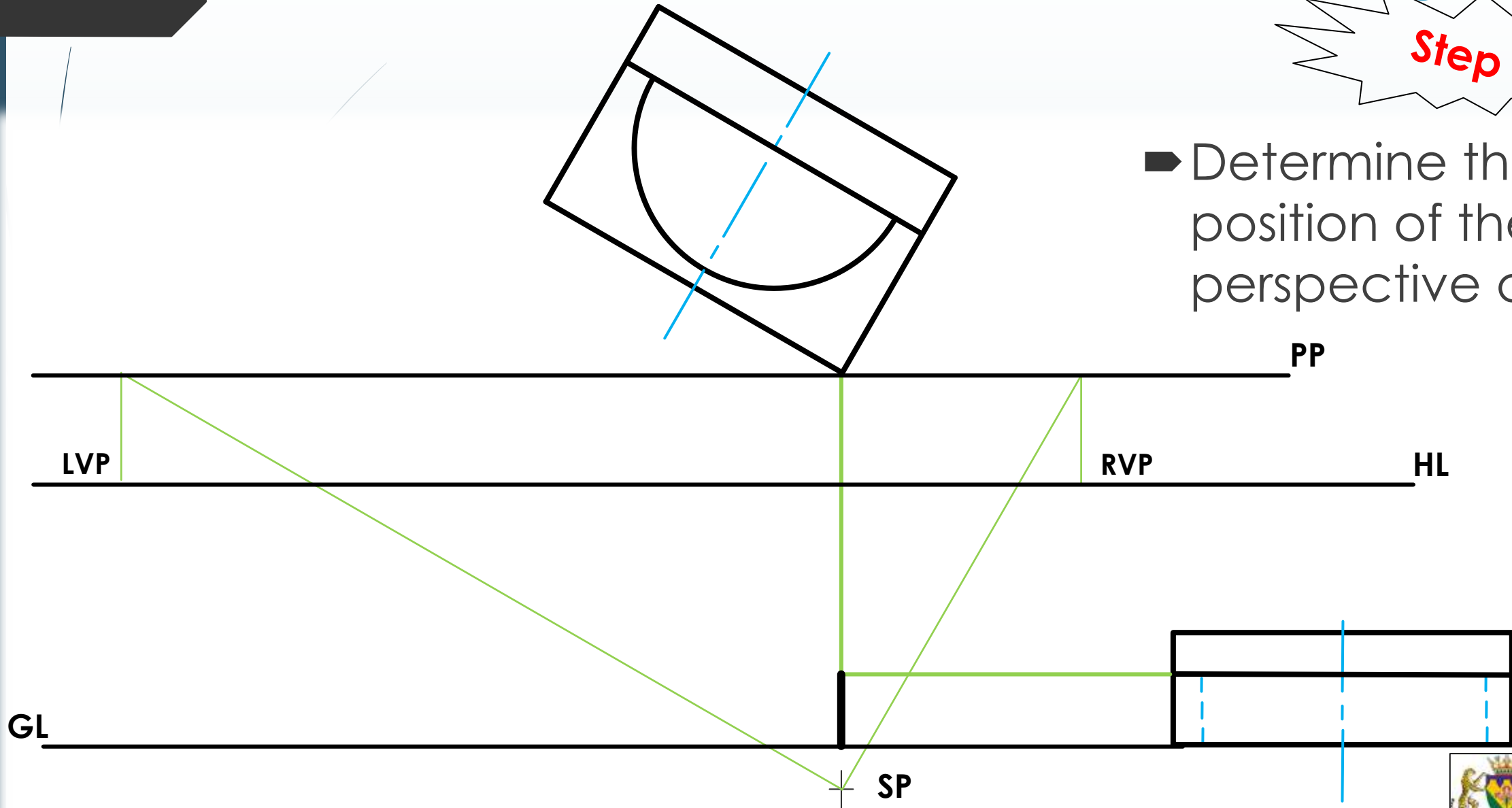
- Determine the right vanishing point & name it **RVP**.



# 2-Point-Perspective Drawing

**Step 3**

- Determine the start position of the perspective drawing

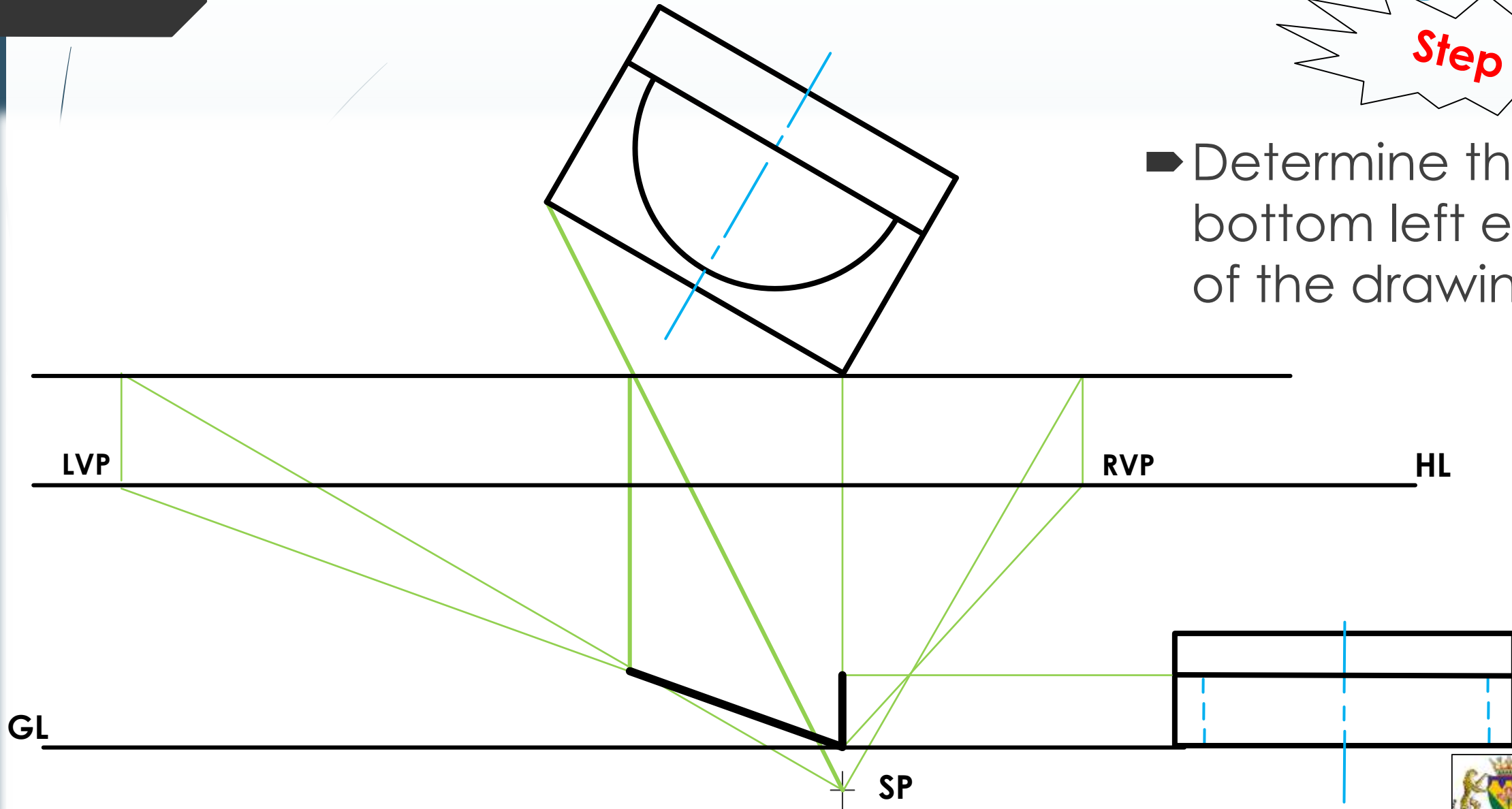




# 2-Point-Perspective Drawing

**Step 5**

- Determine the bottom left endpoint of the drawing.



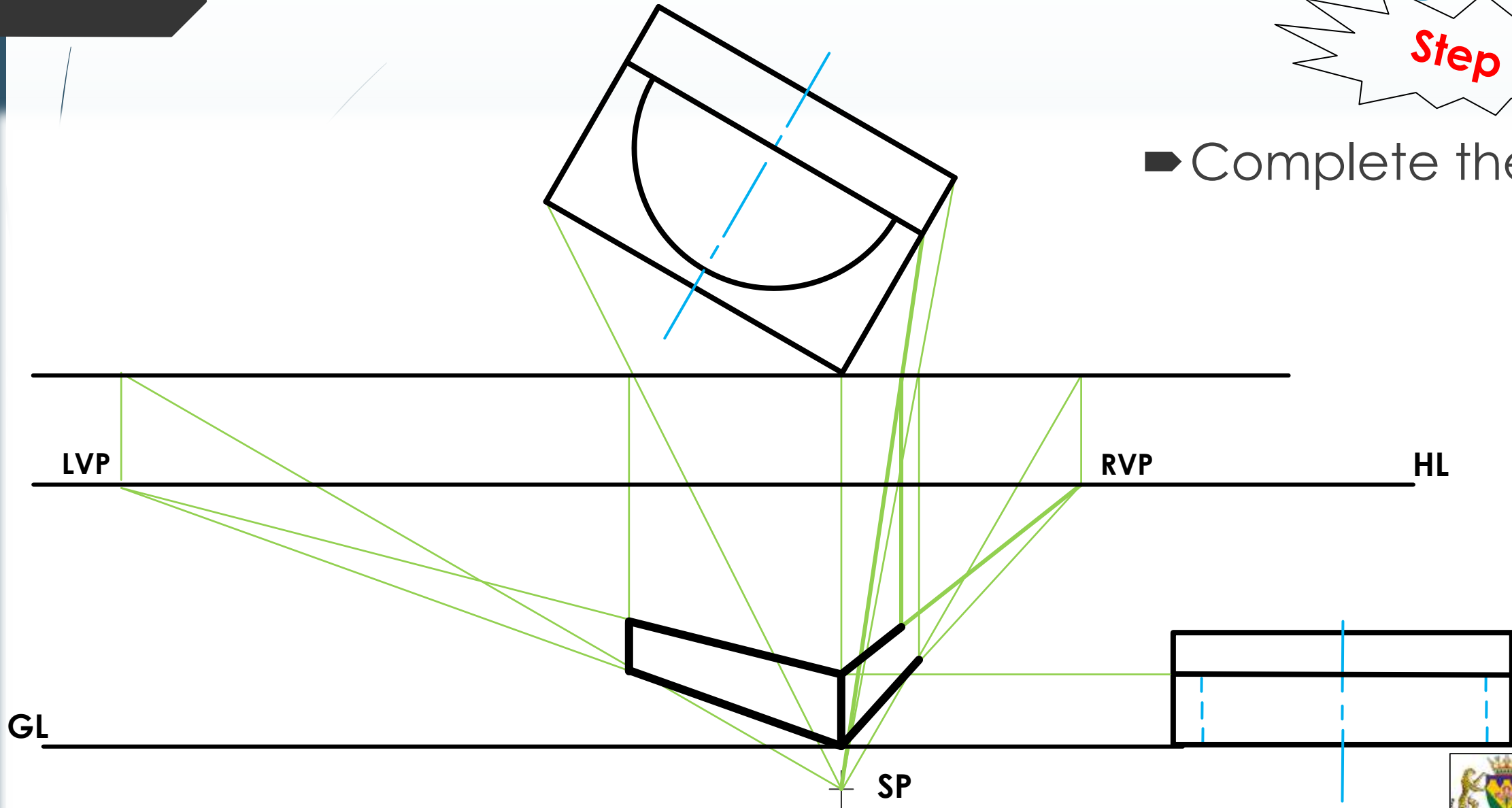




# 2-Point-Perspective Drawing

**Step 8**

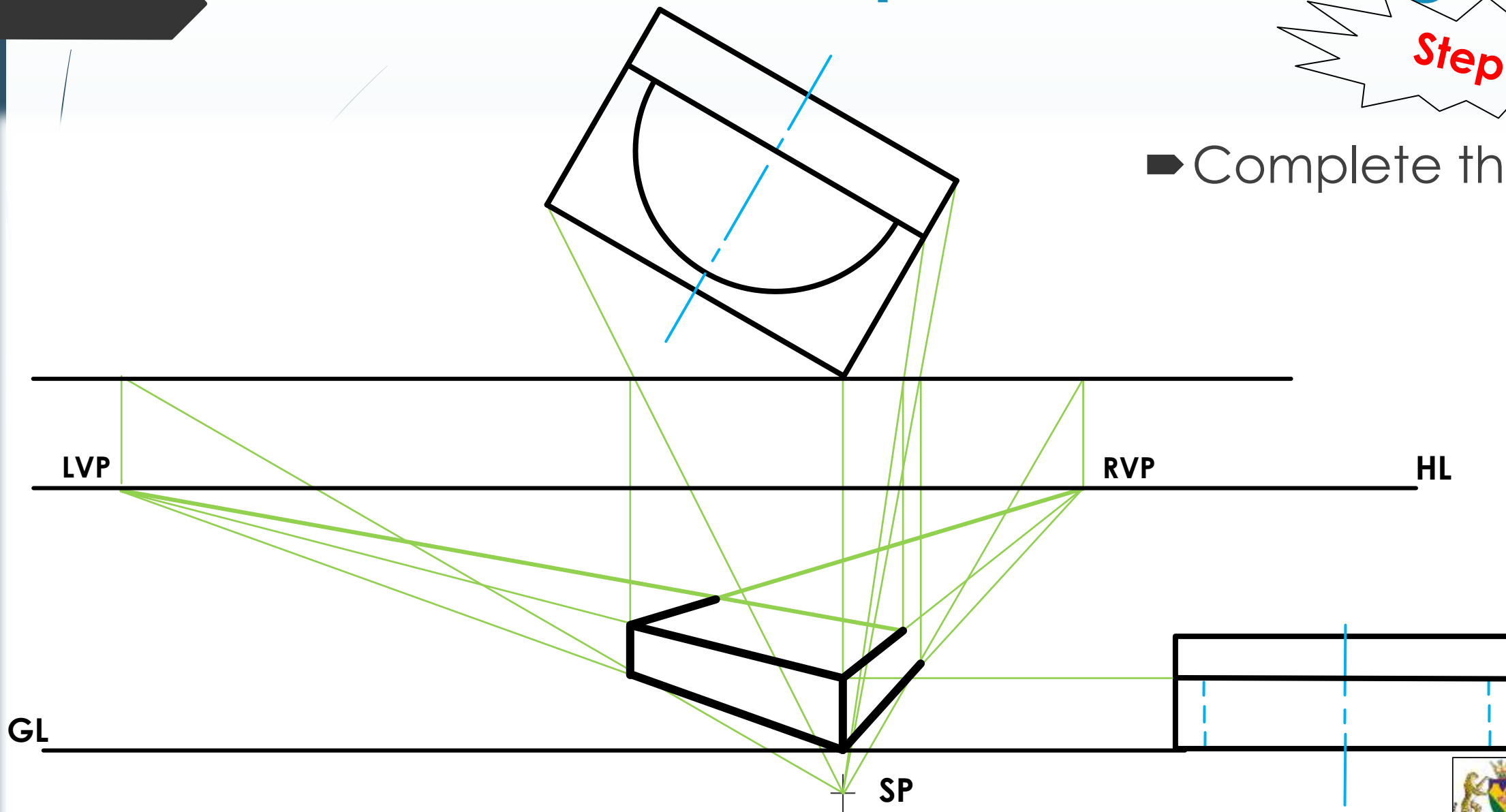
➡ Complete the block



# 2-Point-Perspective Drawing

**Step 9**

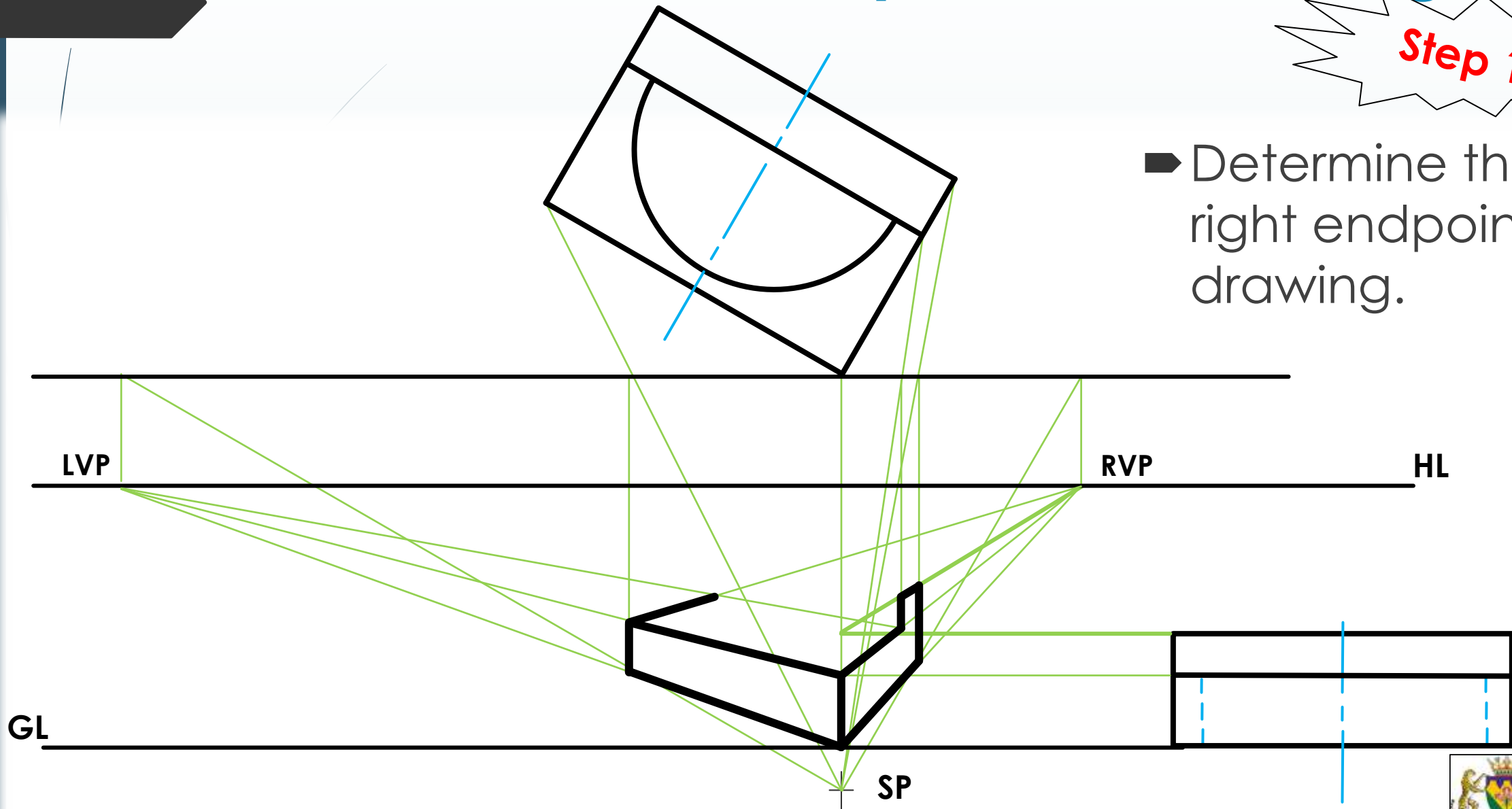
➡ Complete the block



# 2-Point-Perspective Drawing

**Step 10**

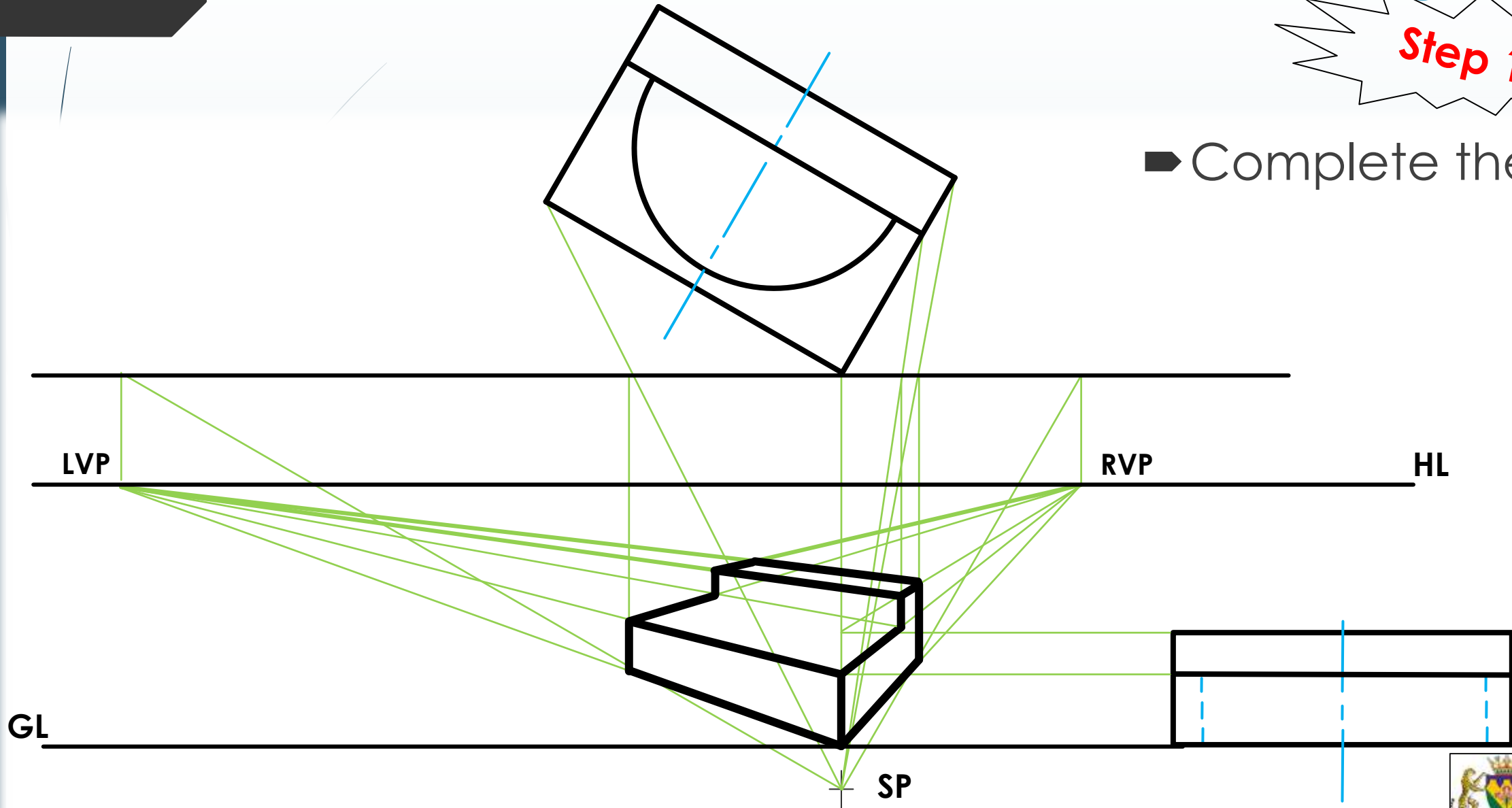
- Determine the top right endpoint of the drawing.



# 2-Point-Perspective Drawing

**Step 11**

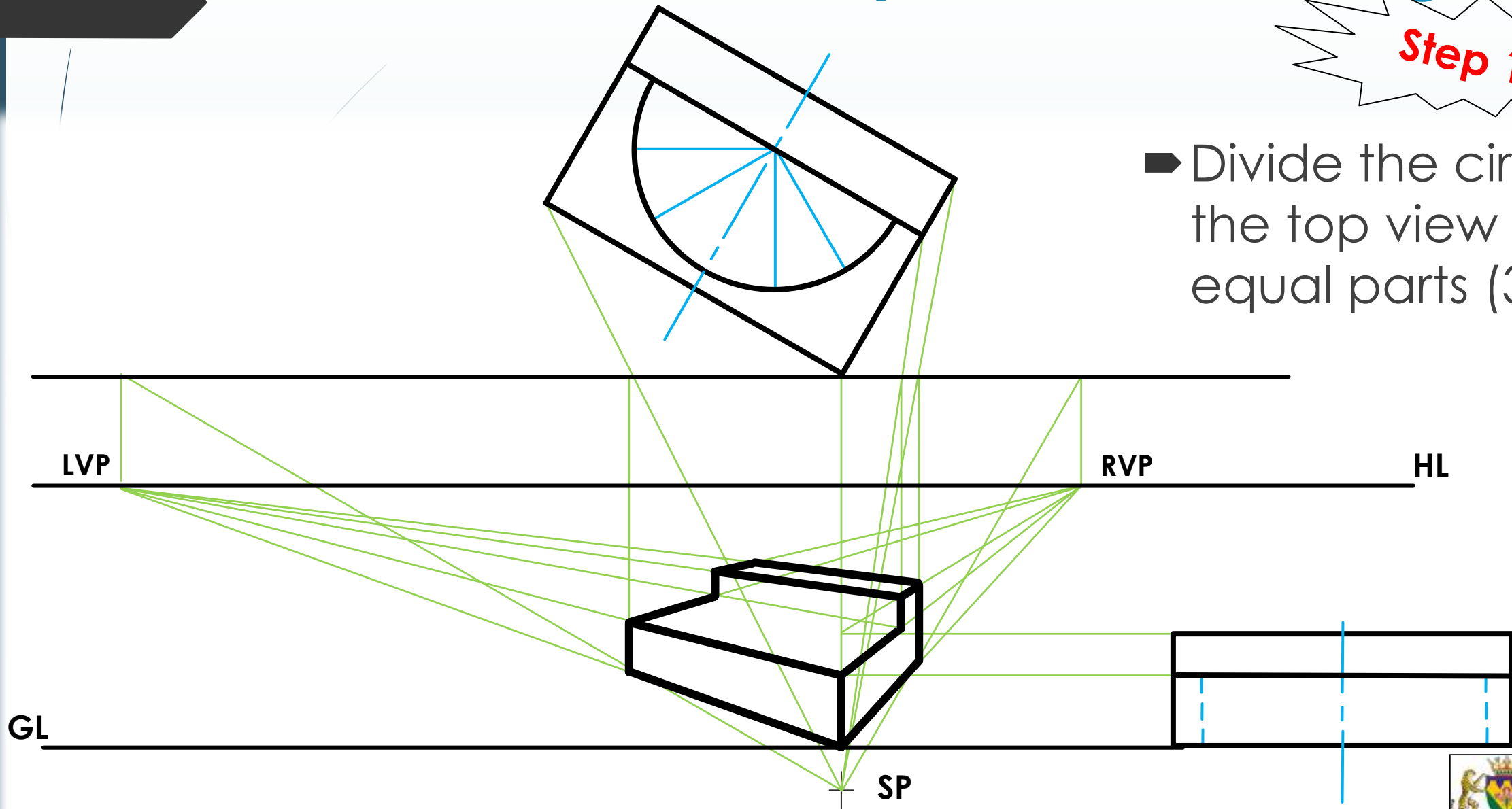
➡ Complete the block



# 2-Point-Perspective Drawing

**Step 12**

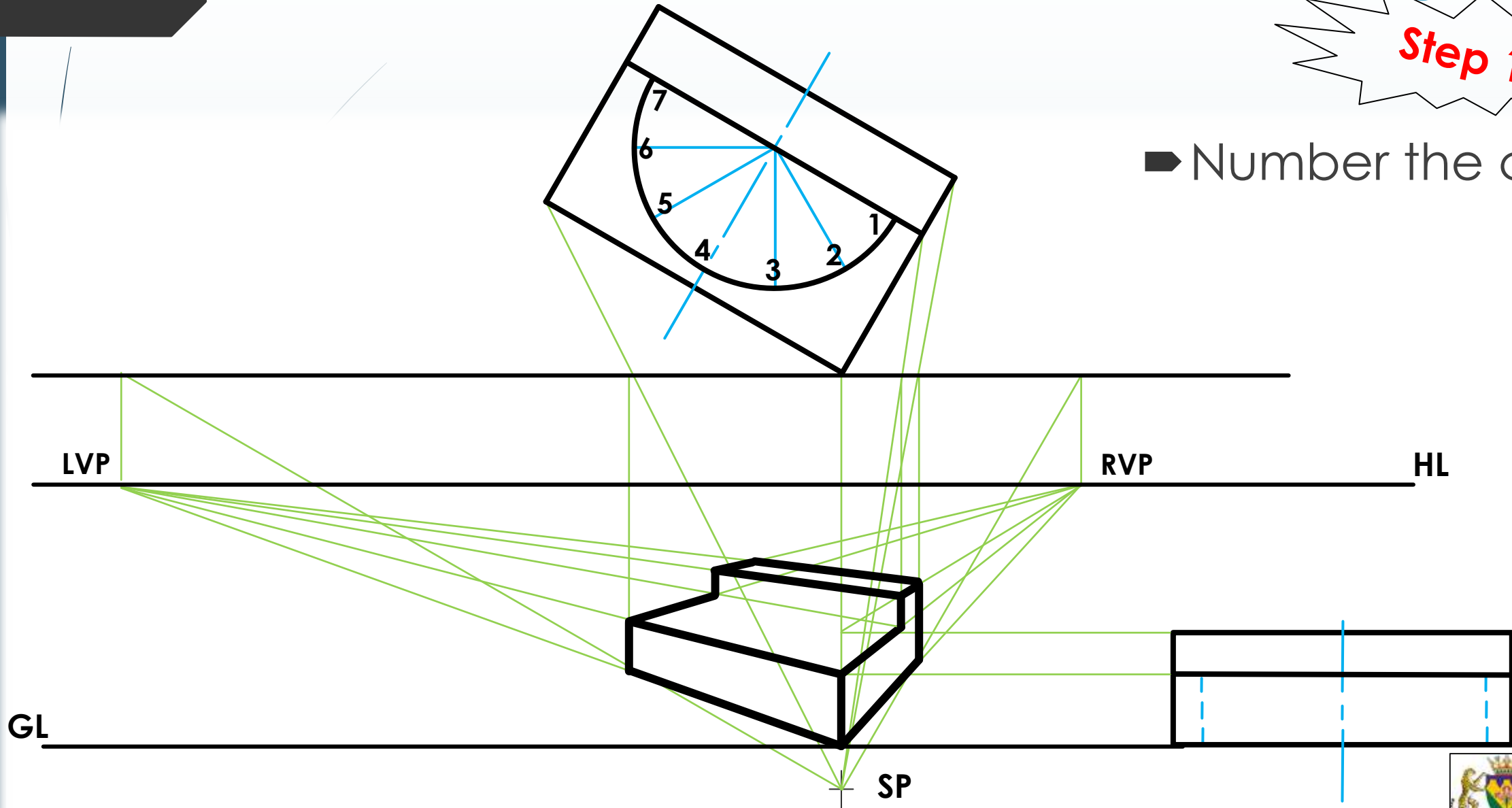
- Divide the circle in the top view into 6 equal parts ( $30^\circ$ )



# 2-Point-Perspective Drawing

**Step 13**

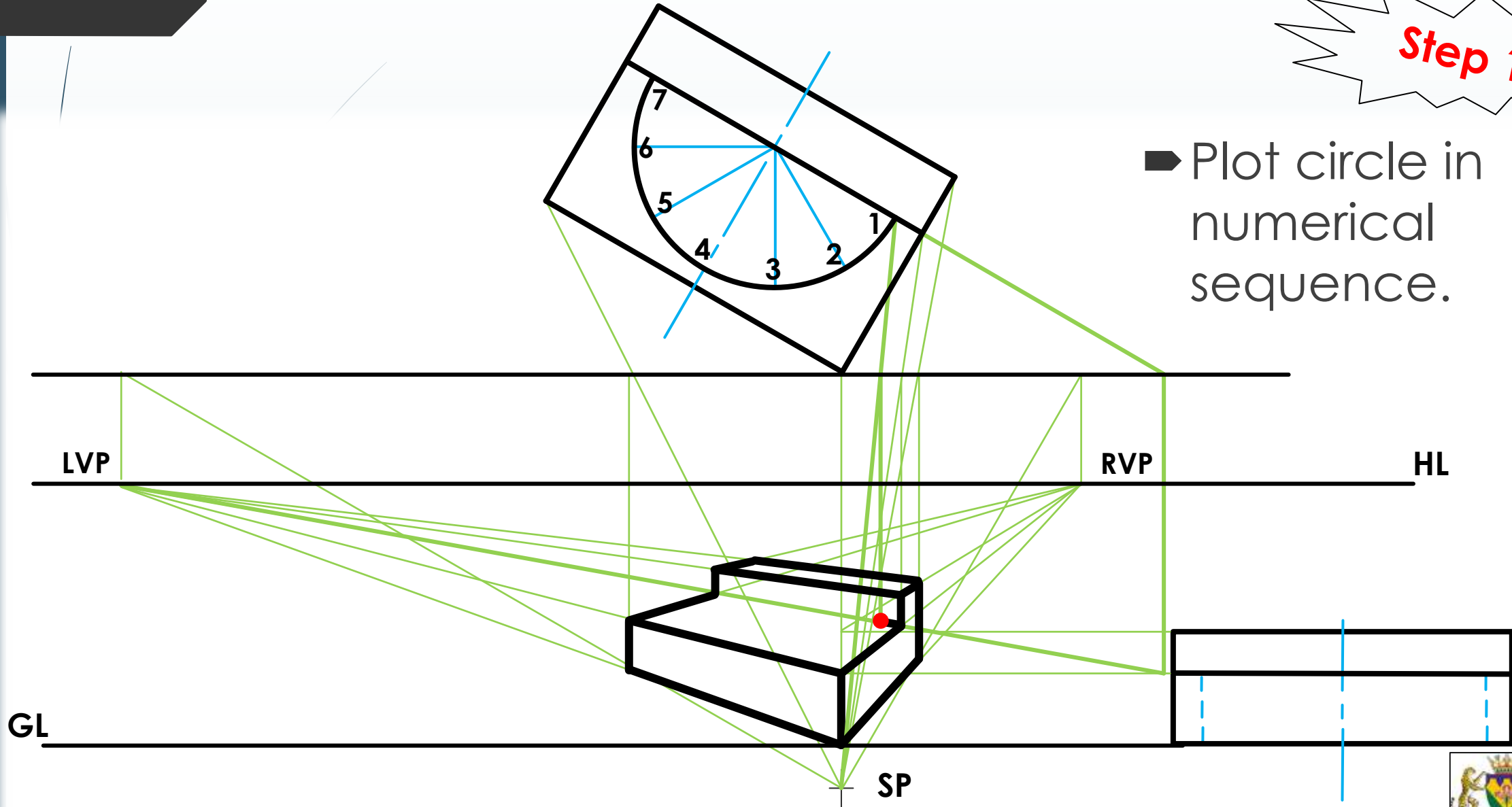
➡ Number the circle



# 2-Point-Perspective Drawing

**Step 14**

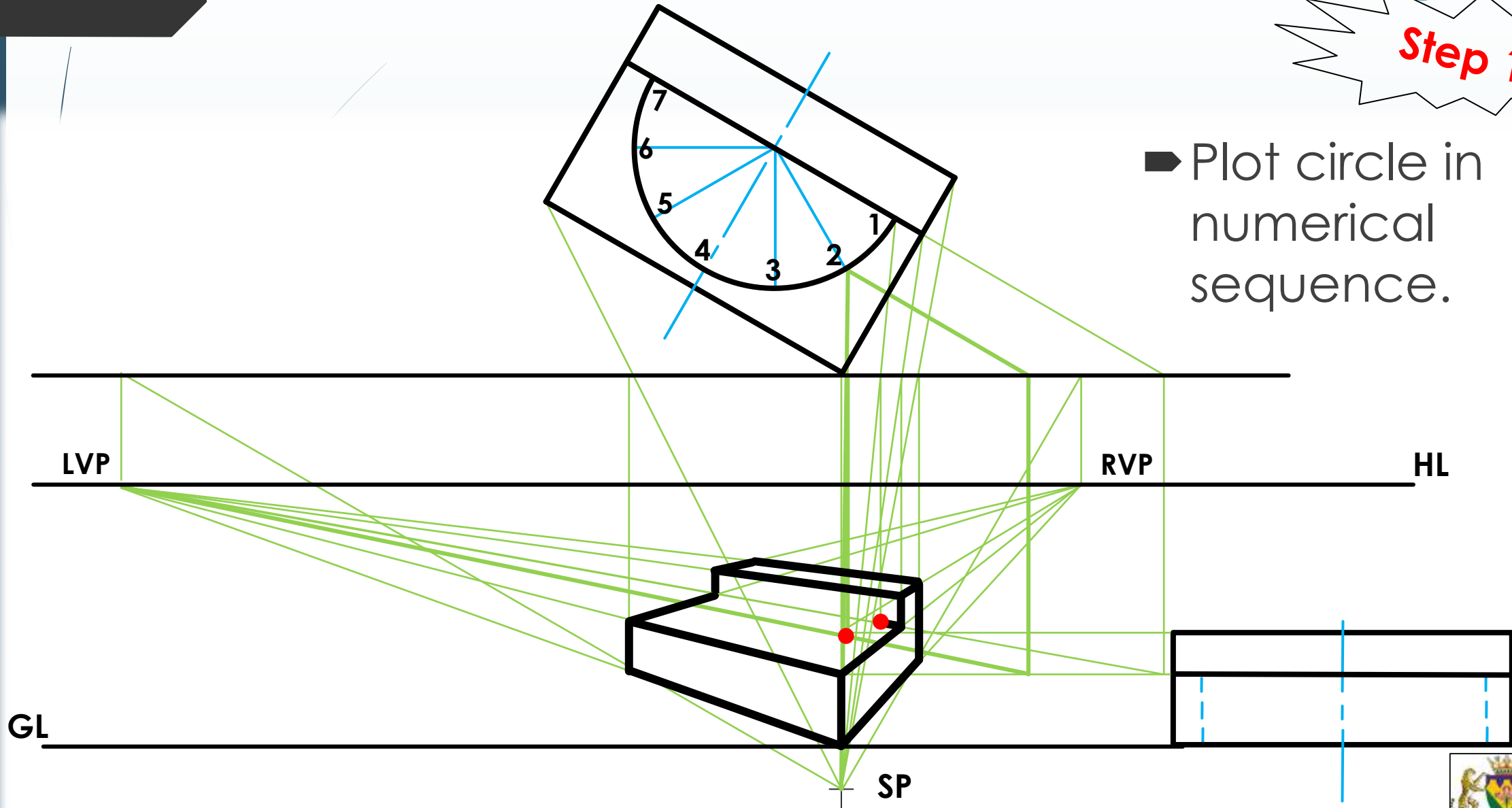
Plot circle in numerical sequence.



# 2-Point-Perspective Drawing

**Step 15**

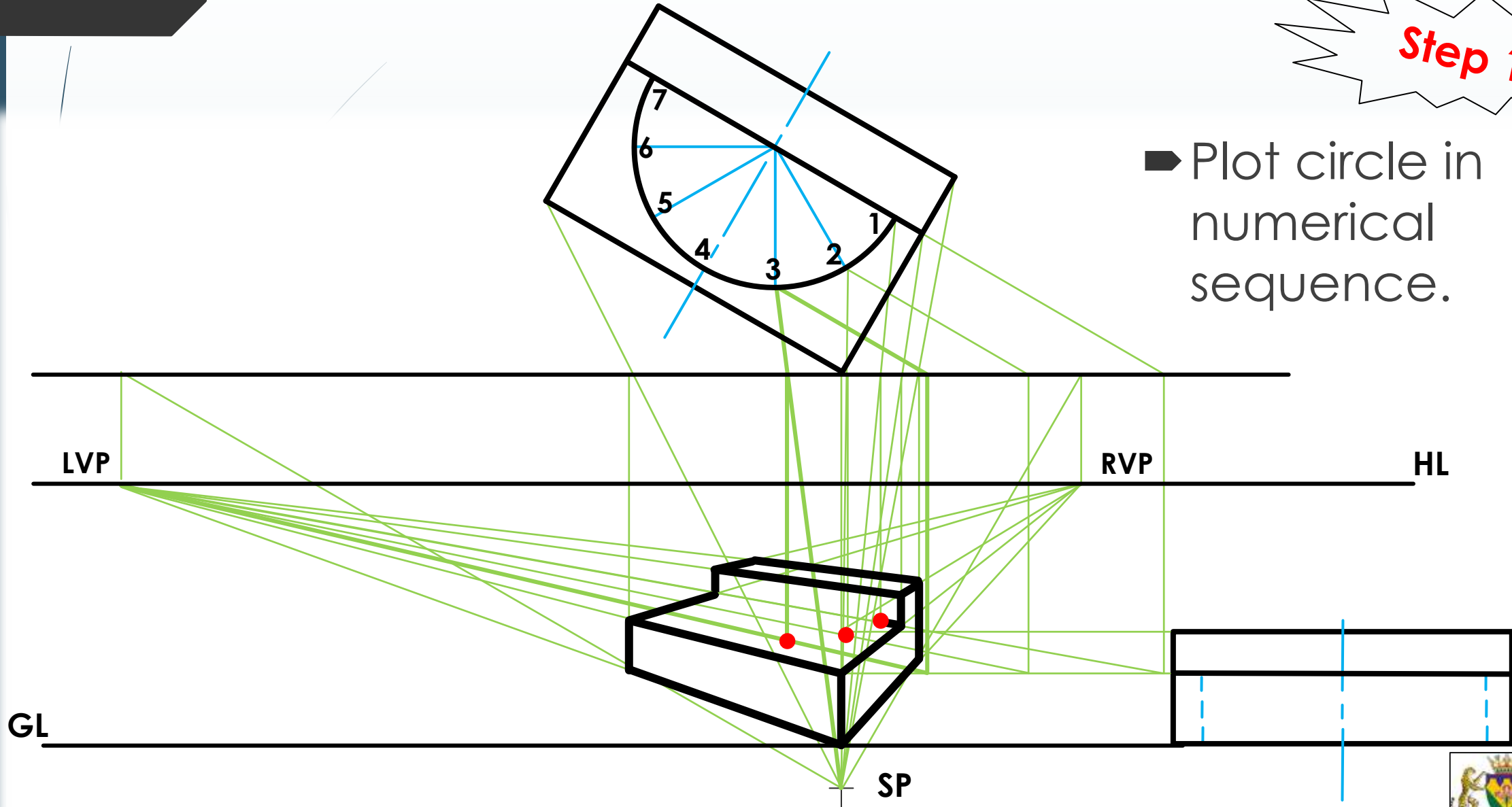
Plot circle in numerical sequence.



# 2-Point-Perspective Drawing

**Step 16**

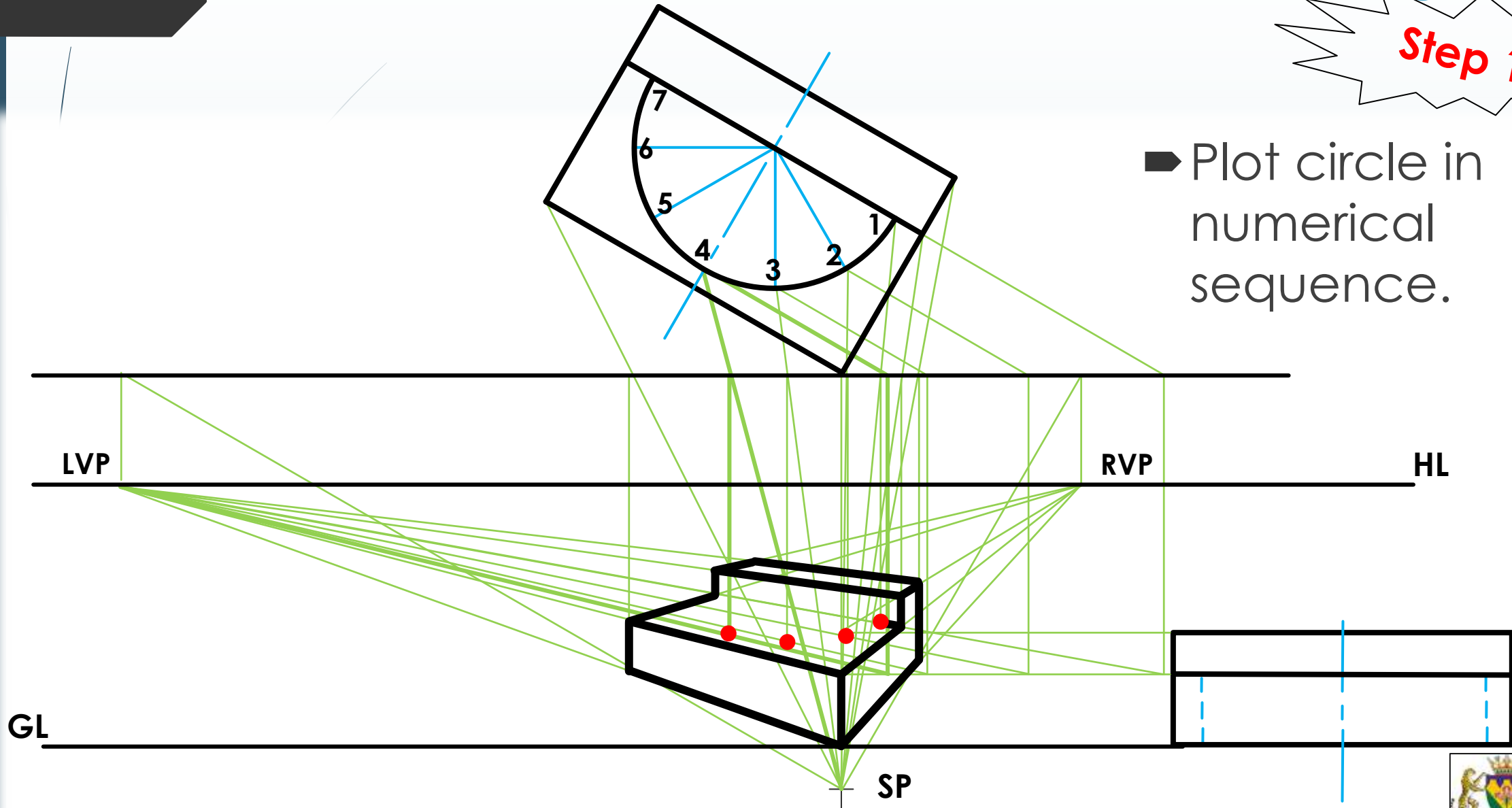
Plot circle in numerical sequence.



# 2-Point-Perspective Drawing

**Step 17**

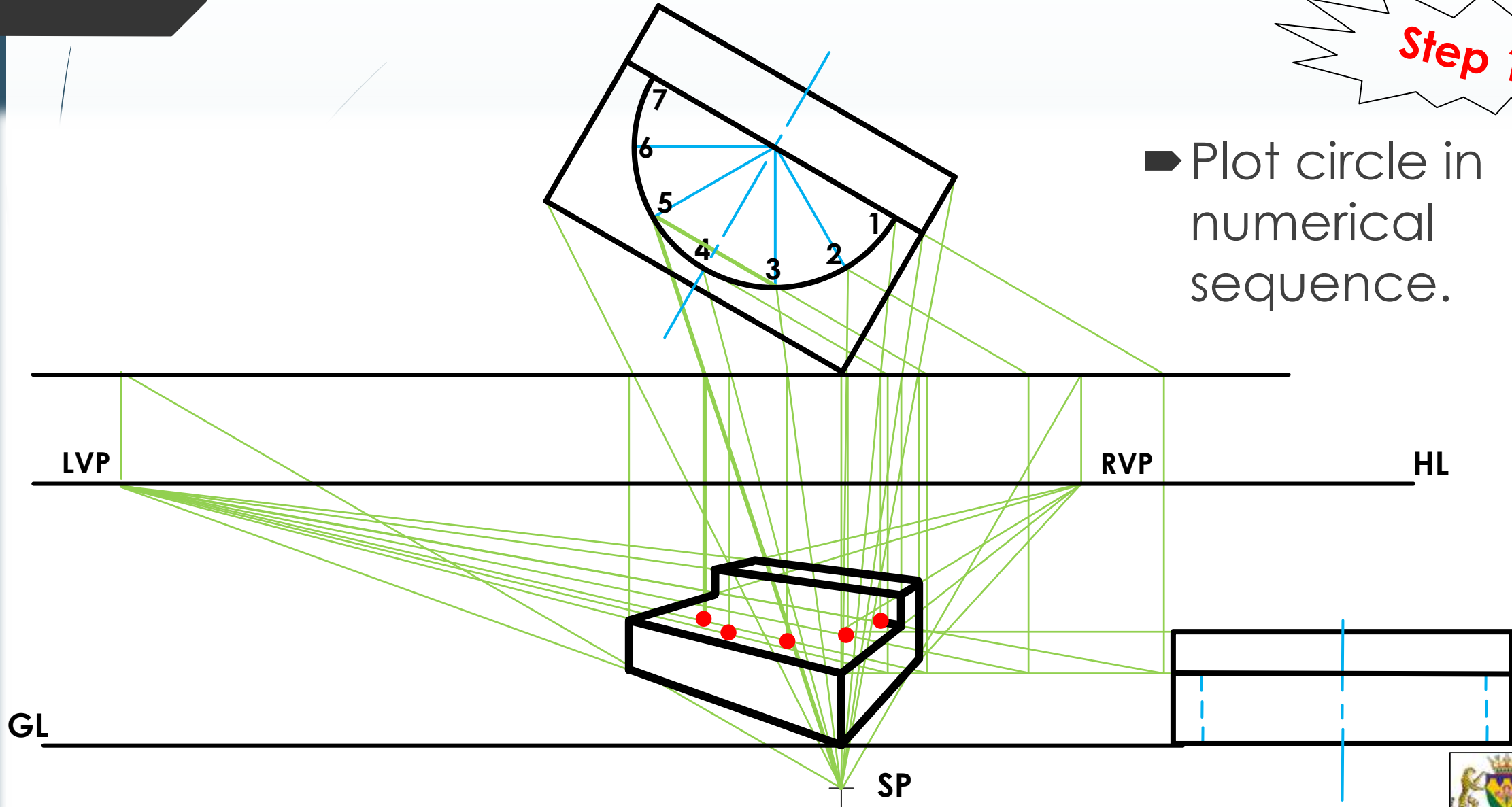
Plot circle in numerical sequence.



# 2-Point-Perspective Drawing

**Step 18**

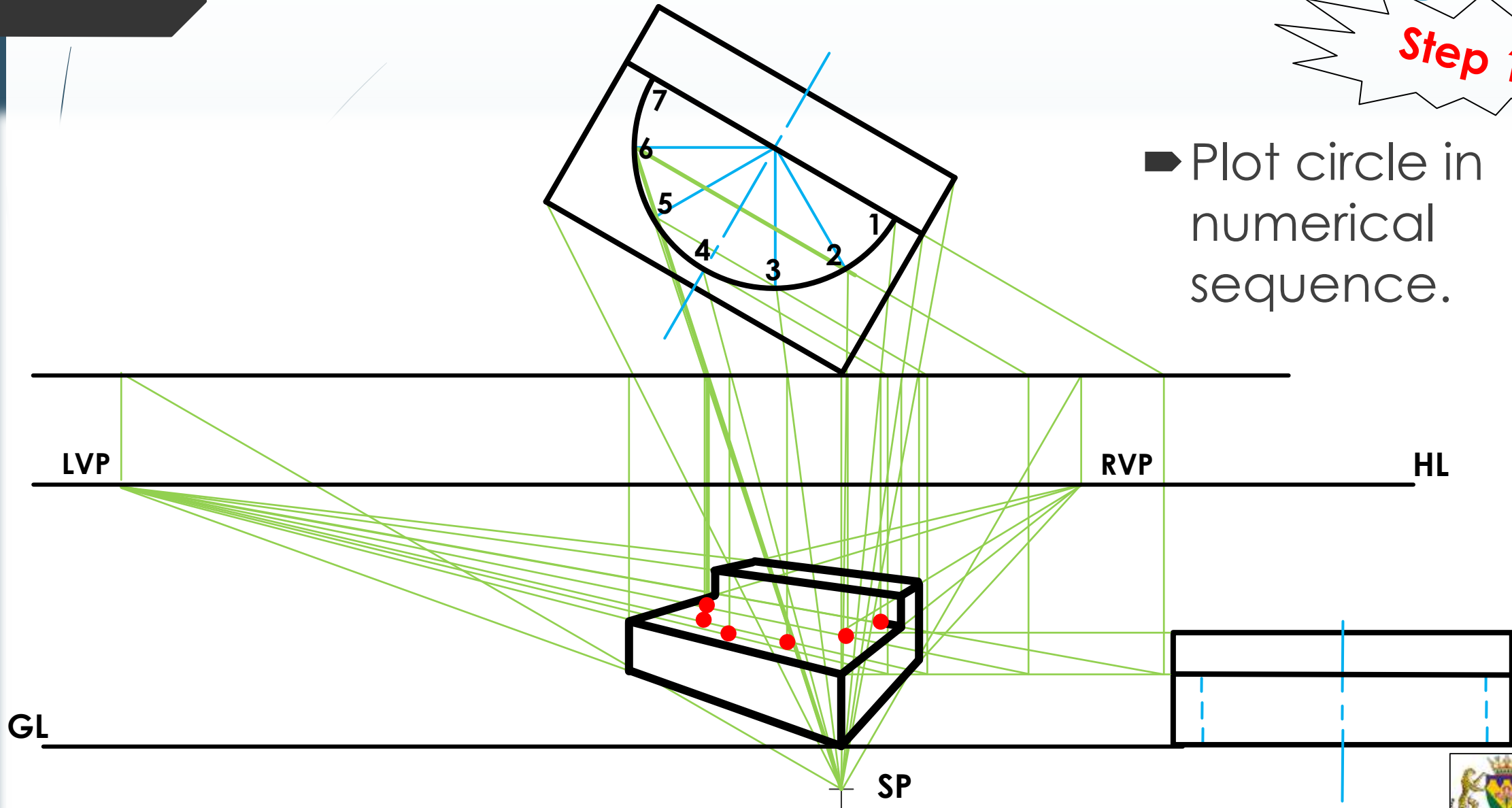
Plot circle in numerical sequence.



# 2-Point-Perspective Drawing

**Step 19**

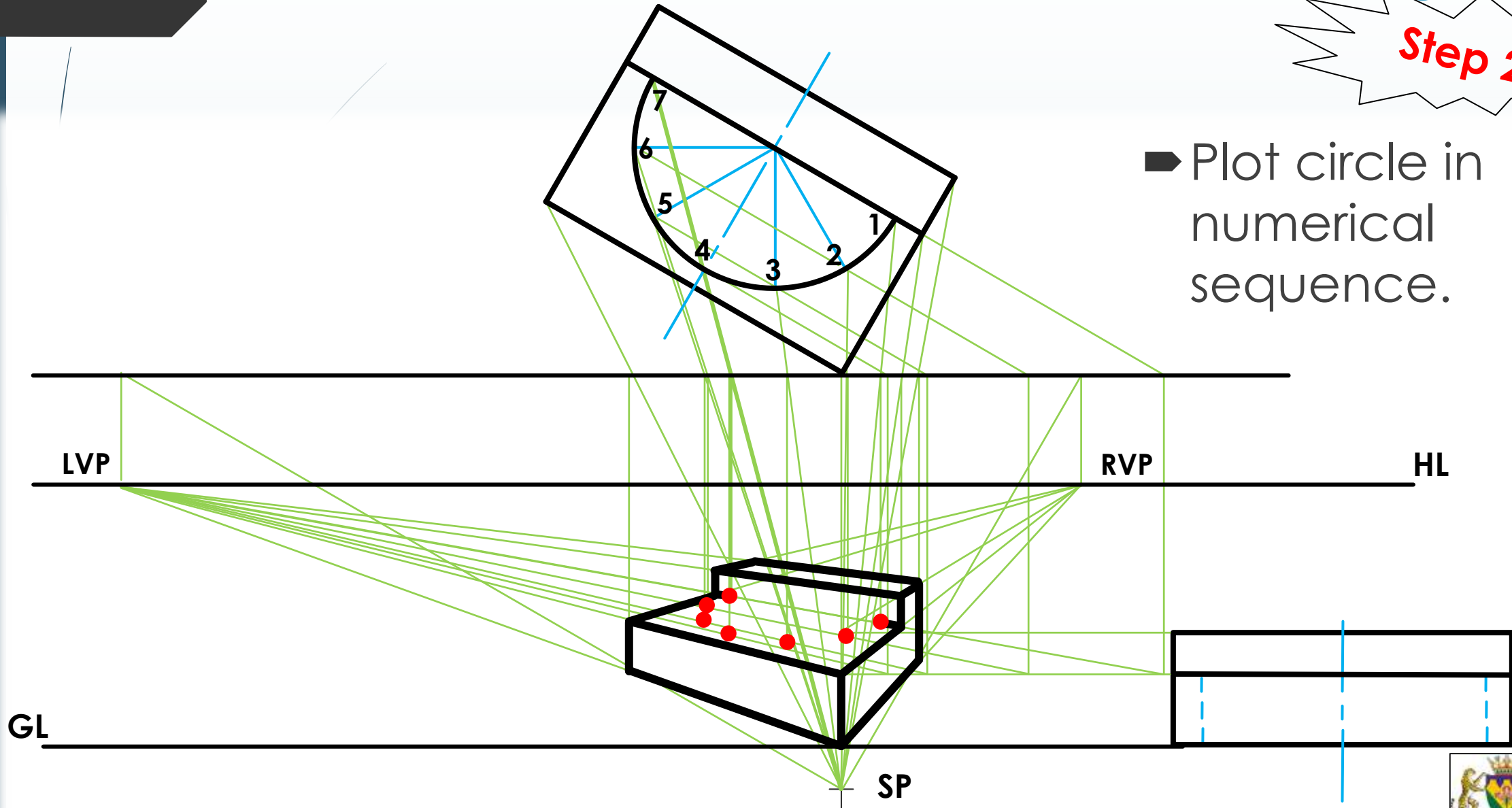
Plot circle in numerical sequence.



# 2-Point-Perspective Drawing

**Step 20**

Plot circle in numerical sequence.



# 2-Point-Perspective Drawing

**Step 21**

➡ Complete the semicircle.

